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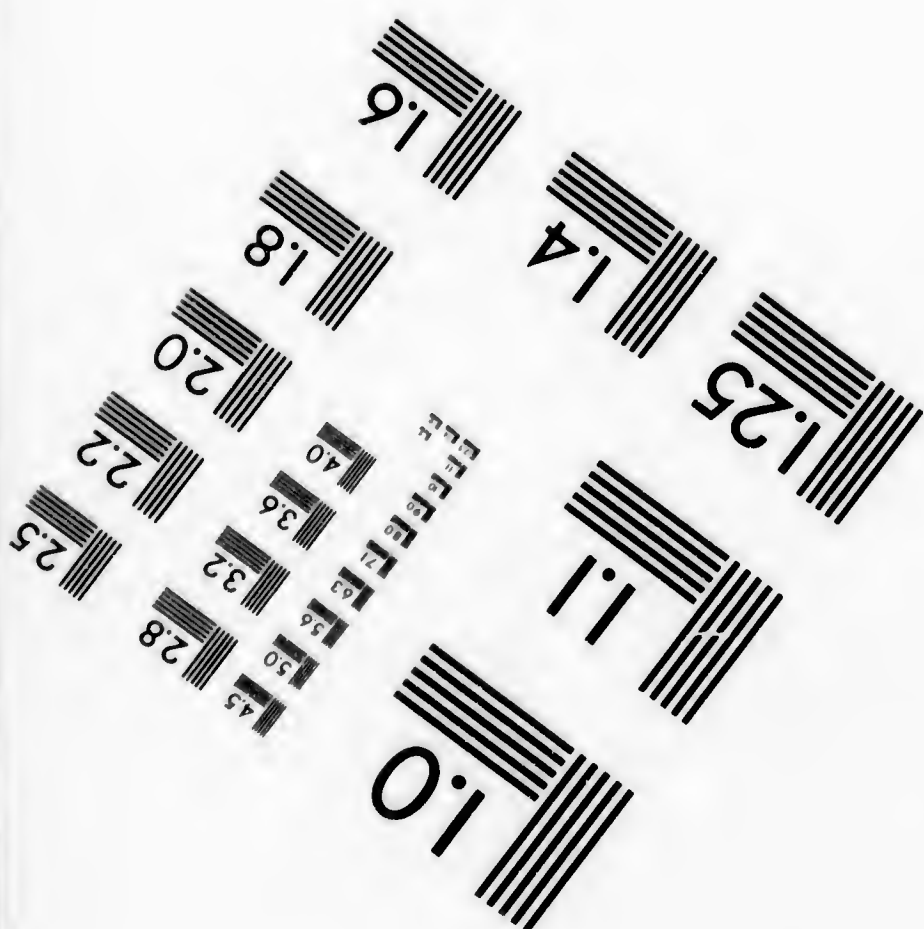
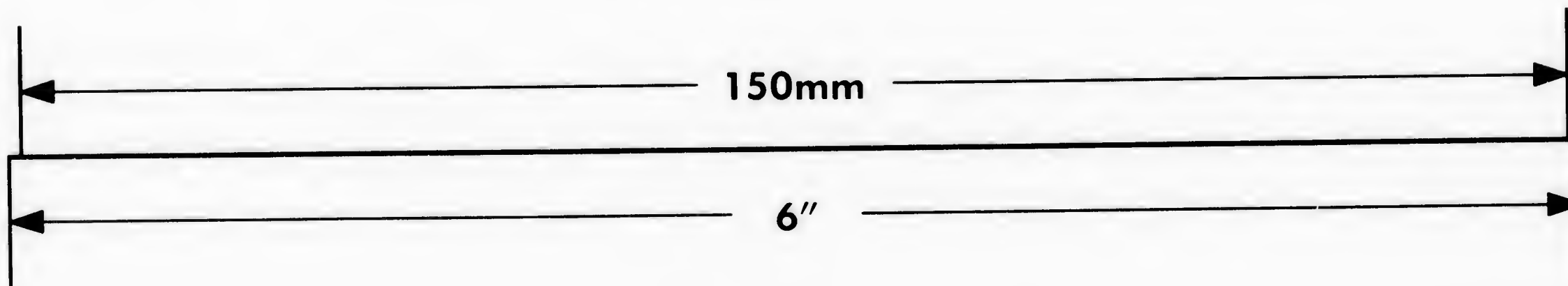
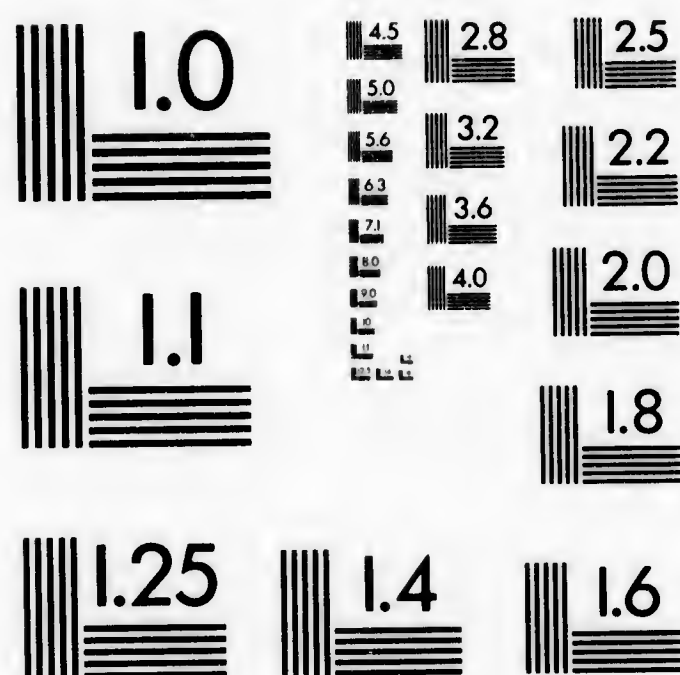
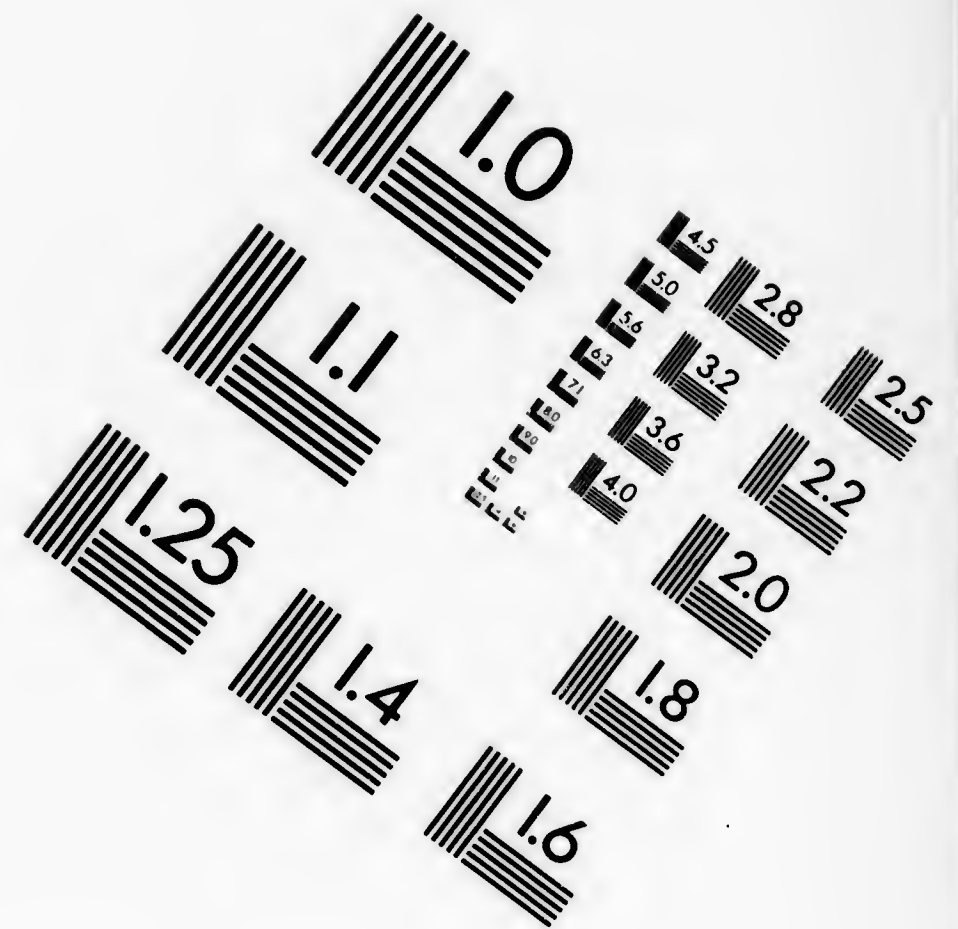
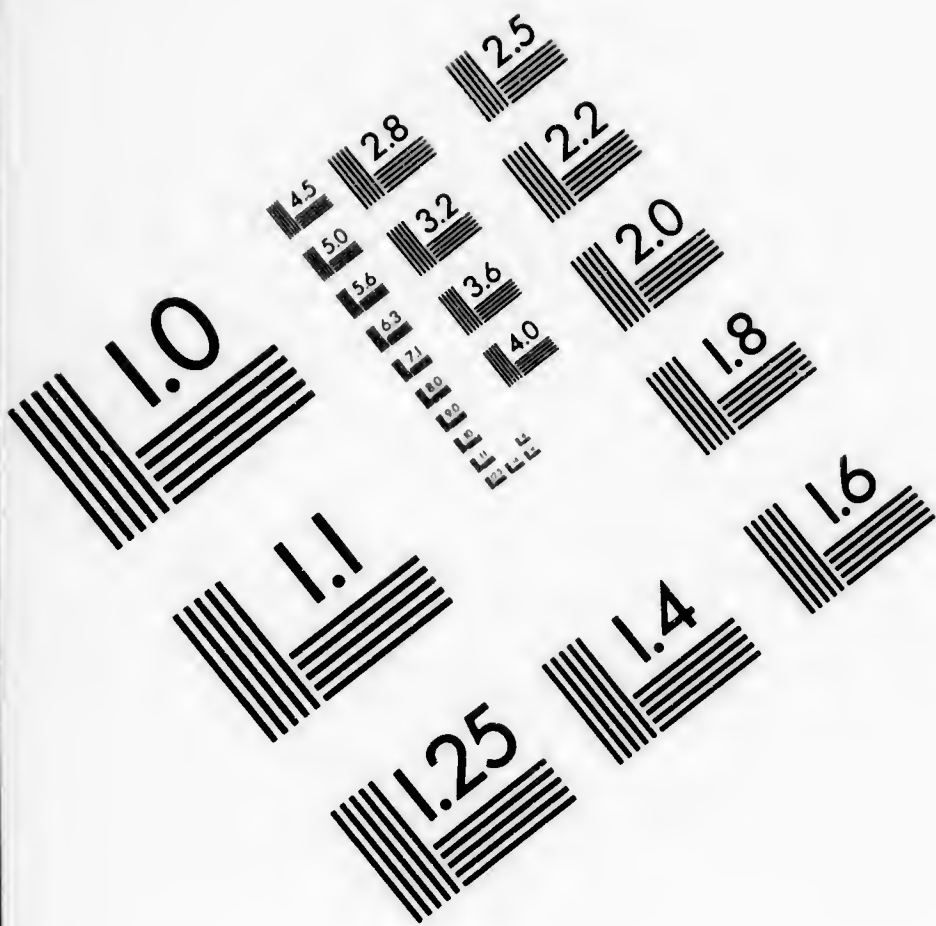
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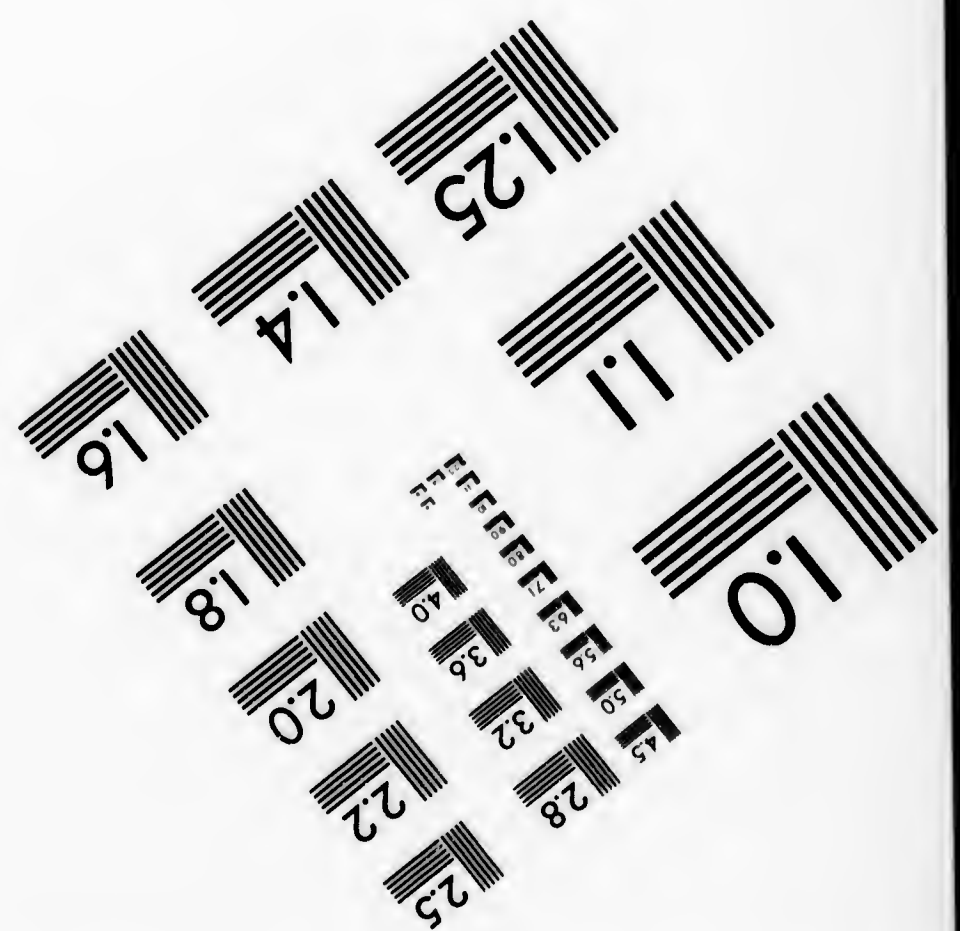
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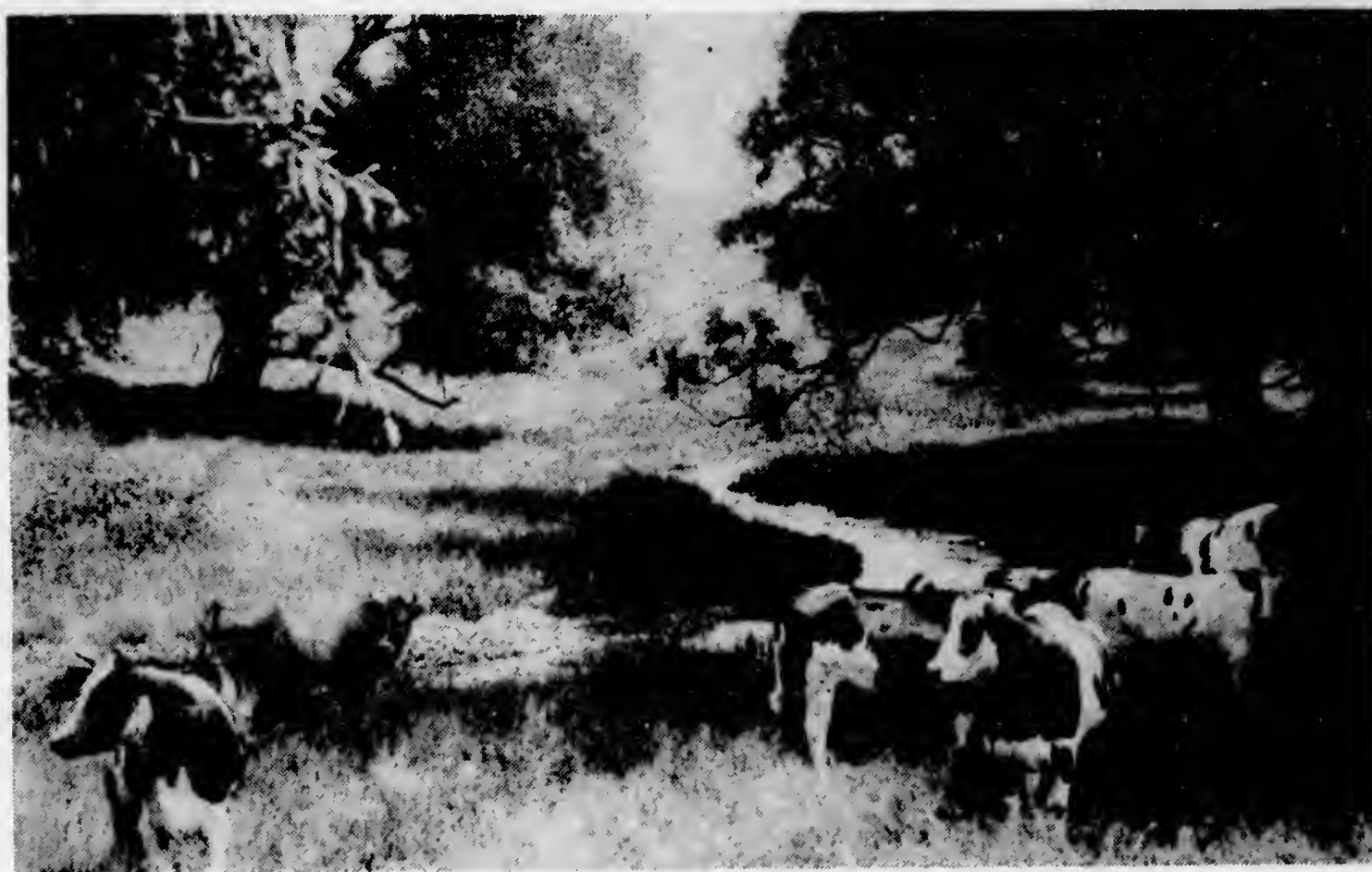
Volume:

19

PENNSYLVANIA DAIRYMEN'S ASSOCIATION

Organized 1925

REPORT ^{of} Nineteenth Annual Meeting Harrisburg, Pa., January 20, 1944, 10 a. m.



PASTURE SCENE
PENNSYLVANIA STATE COLLEGE
STATE COLLEGE, PENNA.

FOREWORD

We extend our deepest gratitude to all who took part in our Annual Meeting Program.

To the Major Pennsylvania Dairy Breed Association, The Pennsylvania State College Dairy and Extension staff, the County Agricultural Agents, the D.H.I.A. Testers and the Milk Marketing Cooperatives for their valuable cooperation during 1943 we say "Thank You."

V. A. HOUSTON, Pres.

CHAS. E. COWAN, Sec'y

PENNSYLVANIA DAIRYMEN'S ASSOCIATION

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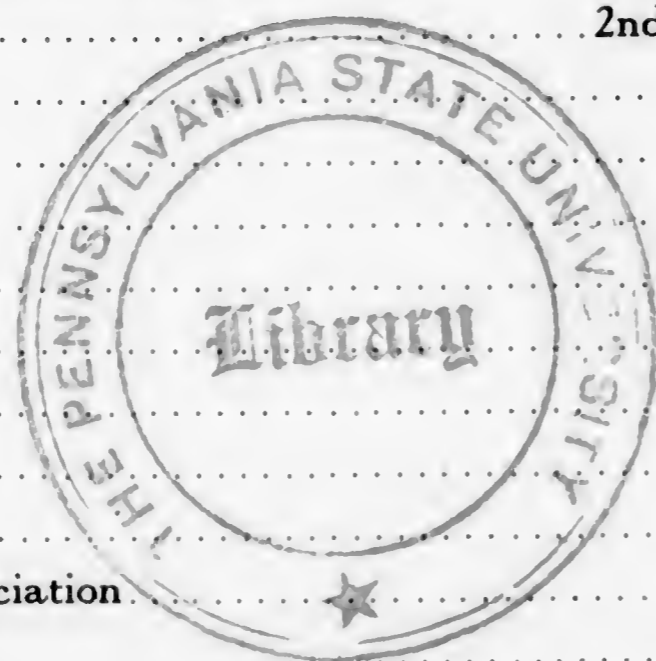
HERBERT SEELEY
Knoxville, Pa.

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THE NINETEENTH ANNUAL MEETING PROGRAM

Annual Banquet

Penn Harris Hotel Ball Room, Harrisburg, Pa. Januray 19, 1944— 6 P.M.
TOASTERMASTER—J. K. STERN, Agric. Econ, Dept., Pennsylvania State College
GUEST SPEAKER—HON. SAMUEL LIVENGOD, Sec'y Internal Affairs Commonwealth Of Penna.
AWARDS—Pennsylvania Dairy Breed Ass'ns and Penna. Diary Herd Improvement Ass'ns.

Annual Meeting

Thursday Morning, January 20, 1944, 10 A. M.

The President's Report—V. A. HOUSTON, Northampton, Pa.
The Secretary's Report—CHAS. E. COWAN, Lancaster, Pa.
The Auditors' Report—LUKE W. MARTIN, Goodville, Pa.
ADDRESS—"The Job of Milking"—DR. GEO. H. HOPSON, Consulting Veterinarian De Laval Milking Machine Co., New York City.
ADDRESS—HARRY F. WOOD, Director, Lehigh Valley Safety Council, Representing Pennsylvania Committee for Rural Safety.
QUESTIONS AND ANSWERS.

Recess

Thursday Afternoon, January 20, 1944, 1.15 P. M.

Reports of Committee { RESOLUTIONS—HERBERT SEELEY, Knoxville, Pa.
NOMINATING—J. C. NAGEOTTE, State College, Pa.
ADDRESS—"Economic Conditions Facing Pennsylvania Dairymen"—DR. G. W. HEDLUND, Head, Agric. Econ, Dept., The Pennsylvania State College
ADDRESS—P. C. TURNER, President, Interstate Farmers' Council, Baltimore, Md.
PANEL SICISSION—"Methods and Devices I Have Found Helpful on My Farm"—Conducted by A. A. BORLAND, Dairy Husbandry Dept. Pa. State College.

PARTICIPANTS

Improving Dairy Pastures	DICE STATLER	Chambersburg
Hay Harvesting—Buck Rake	CHAS. KEITER	Halifax
—Hay Hoist	HUGH WILSON	Warriors Mark
	ASA BEEDY	Cambridge Springs
	ADAM FORTNEY	Duncannon
Saving Time on Chores	HUGH FERGUS	Slippery Rock
Corn Elevator and Crib	O. L. MOORE	Slippery Rock
Cutting and Loading Silo		
Corn at one Operation	M. REED WELCH	Burgettstown
Silage Harvester	DONNELL MARSHALL	Pottstown
Meeting the Protein Problem in Dairy Feeding	WM. HICKS	Tyrone
Raising Dairy Calves	LEON BALLARD	Troy
Contributing Factors toward a 700 lb. Fat Average—Roughage	L. A. ZIMMERMAN	Lehighton
QUESTIONS AND ANSWERS	Adjournment	

THE WORLD NEEDS DAIRY PRODUCTS



Dairy products from your farm are vitally important to keep America strong, to sustain our fighting men and our Allies. Yours is a most important war job.

Use Armour's BIG CROP Fertilizers to Make Every Acre Do Its Best in producing feed for your herd. The shortage of manpower and machinery puts an extra burden on you and your fertilizer, but you can depend on Armour's to make every hour's work count for more. Talk over your fertilizing problems with your nearby Armour agent, and order your requirements of Armour's BIG CROP Fertilizers for pastures and silage.

ARMOUR FERTILIZER WORKS
BALTIMORE, MARYLAND



THE PRESIDENT'S MESSAGE

Y. A. HOUSTON

In issuing the call for this 19th annual session of the Pennsylvania Dairymen's Association, your officers have felt a keen sense of responsibility. It is serious matter in times like this to ask farmers and dairymen to leave their farms and herds and travel long distances to attend such a gathering. Any state-wide meeting this year can only be justified if thereby increased inspiration and knowledge is gained for the task before the membership. With this thought in mind the executive committee decided last October to hold our third wartime meeting with a program carefully planned to meet the needs of our time.

I am glad that our association along with most other statewide farm groups have continued their regular schedule of meetings this year. I feel that it is extremely important that in times like this our organizations should be kept intact and active. It is important that we be conversant with the problems facing our industry and realize fully the responsibilities which are ours. As our victorious fighters abroad struggle on to victory, our problems here at home become ever more acute. If we are to keep faith with our martyrs on foreign soil, we must dedicate ourselves wholeheartedly to the preservation of our American traditions and institutions here at home. It is my firm belief that the various farm groups meeting in this city this week represent collectively the clearest thinking and soundest judgement to be found in our state on the serious problems of our day.

So during the past year, your officers and executive committee have tried to serve our industry and our organization in every way possible. We have of necessity reduced time and mileage consumed in association business to a minimum. The only two meetings of the executive committee were held on the same days as the Farm Show Committee to avoid duplication in mileage. The president and secretary have conferred frequently on association problems. We have also represented the Dairymen's Association at sessions of Council of Farm Organizations, War Food Administration, etc. We have attended many gatherings of dairymen and dairy cattle breeders in the interest of our association, even venturing into one organization meeting called by District 50 UMW. We have tried to express the desire of our industry in legislative matters where we felt it would do most good.

Membership and finances continue to be major problems. Your officers have donated time and travelling expenses to the cause. However, we feel that in the interest of good dairying and increased production we should continue to recognize outstanding accomplishment in D.H.I.A. work with ribbons and certificates. We are anxious to maintain or improve the quality of our annual report as a contribution to better dairying. We feel that our membership should be maintained in Pennsylvania Council of Farm Organizations, North East Dairy Council, Free Farmers and Inter State Farmers Council. All these along with staging our annual meeting require money. In the face of increased costs, our membership fee has been unchanged. Aside from a small income from advertisements in our annual report, membership fees are our only source of revenue. Therefore, I request, in behalf of the new officers who will be elected today, that you assist by soliciting the memberships of every dairyman in your community. We are especially anxious to enroll whole testing associations, breed organizations, marketing groups, etc. We appreciate the progress already made in this direction by the untiring efforts of some of our members in their home counties. If this association is to properly represent the great dairy industry in our state, we must have greater numerical strength.

Our gratitude is due the members of the executive committee for their time and the expense incurred in attending meetings and directing the affairs of the organization. Great credit is due our secretary, Charlie Cowan, for his very efficient handling of correspondence, records, etc. The Dairy and Extension staff from State College and the dairy breed association secretaries have, as in the past, been most helpful in carrying out our year's program. To them we say "thank you".

The past year has been an extremely difficult one for the dairy industry. The new year 1944 will probably be worse. Because I have not referred to the many controversial issues confronting us does not mean that I minimize their importance, but that I am leaving our expression on such matters to the Resolution Committee which will report

later today. May I only suggest the danger that through a misguided sense of patriotism in wartime it is possible to lose that freedom of thought and action, without which our American agriculture would soon deteriorate into peasantry. This must not be. The War Food Administration has set high production goals for Pennsylvania this year. Without minimizing the difficulties and injustices under which we are operating, I say let us tackle this job with such enthusiasm that when your boy and mine come home victorious from the battle fields of Europe and Asia we may be proud of our contribution to that victory.

MILKING

Subject discussed before the 19th Annual Meeting by: George H. Hopson, DVM Consulting Veterinarian for the De Laval Milking Machine Co., New York City.

During the year 1944 our dairy farmers will be asked to produce more milk than ever before. In order to meet the demand it will be necessary for them to ship over six million quarts of milk off their farms every hour of the day. Over three billion man hours will be required to care for, milk and feed our dairy cows.

Much progress has been made in the different branches of the dairy industry. Better breeding practices, newer knowledge of the method of feeding, also the control of bovine diseases, have helped to make it possible to produce more milk.

There is, however, one job on the dairy farm which has not kept pace with the other branches of agriculture—that job is the milking of cows.

Few people realize the amount of labor and effort required to properly milk a cow. To hand-milk a cow it takes 1250 hand flexes. If a man is to milk ten cows twice a day, he spends exactly three months out of every year milking cows.

Milking is an art and time, practice and skill are required in order to become a good hand milker.

Due to the fact that milking is the most wearisome and tedious job on the dairy farm and that we are now living in a mechanical age, farm boys and girls should become adept in the art of milking. Four-H Clubs and vocational training and agricultural courses in high schools have done a great work in teaching the younger farm people many phases of agriculture. They have, however, neglected somewhat to teach the importance of proper milking. These associations, however, are now taking more interest in the subject of mechanical milking and the younger people are developing into capable milking machine operators.

Many times the question is asked: "What is the proper way to milk a cow?" It is usually answered in the following manner: "The best way to milk cows is that which will milk the greatest number in the least time, maintaining production, healthy udders and a long lactation period."

In developing a milking routine it is best to duplicate nature as nearly as possible. It should never be forgotten that the cow is a living thing; she has been bred for generations to produce more milk, and in fact she is sometimes called a milking "machine." Some believe that she has sacrificed stamina in order to be able to produce so much milk.

The prerequisite of good milking is that the milker or milking machine operator should know and appreciate cows. The sight of her calf instinctively causes the cow to "let down" her milk. The milker must substitute for the calf. The dairy cow has long been spoken of as a creature of habit. She should be milked at the same time every day. Changes, no matter what they may be, reflect greatly upon milk production.

One of the most important factors in developing dairy cows with good milking habits is the manner in which they are broken in to be milked.

For years it has been the habit of many dairymen to leave the calf with the cow for several days after freshening, believing that this was necessary in order to work out the physiological oedema of the udder. The dairyman then would milk the animal by hand for several days until the milk was suitable for shipment. He would then place the cow in the milking line and have her milked by a milking machine.



PROGRESS TOWARD MORE *Economy in Milk*

"... Such practice is now more than ever necessary. Dairymen can profitably use more NITROGEN on hay and pasture land. It is much more plentiful this year and will aid in producing more PROTEIN on your own farm."

Eastern States Farmers' Exchange has always urged dairymen to produce just as much feed as possible on their own farms. That includes the best fertilization and management of pastures, hayfields and seedings for supplemental pasture or hay.

"... Such practice is now more than ever necessary. Dairymen can profitably use more NITROGEN on hay and pasture land. It is much more plentiful this year and will aid in producing more PROTEIN on your own farm."

Dairymen who have developed a sound roughage program are now better able to maintain production under today's conditions.

While you are becoming more efficient in roughage production, Eastern States is forging ahead in its responsibility of producing manufactured feeds which better meet the nutrit-

tional needs of herds and flocks. New information is constantly being evaluated and put to best use in formulation work.

This is the second year Eastern States has been forced to allocate feed to established members. This cooperative will welcome the day when conditions again permit it to serve all farmers who want their feed purchasing problem the cooperative way.

Although there have been many vexing ingredient shortage and labor problems, Eastern States produced 16 percent more feed in 1943 than in any other year.

Please remember that Eastern States Farmers' Exchange provides a selective purchasing service on other supplies other than feed. Among the commodities in fair supplies (at this writing) are: seed for many crops, disinfectants, dairy cleanser, dairy bactericide, milk strainer discs, fly and livestock sprays, motor oil, paints, spray materials, flours and cereals.

There is an Eastern States local representative or service warehouse serving most Pennsylvania communities.

EASTERN STATES FARMERS' EXCHANGE

A Farmers Cooperative Purchasing Association

In this manner the cows went through three so-called transition periods of milking first the calf, second the hand milker, and third and finally, machine milking.

Many dairymen are now milking their cows after freshening with a milking machine. They have found that the animals respond better and quickly develop a fast milking habit.

Agricultural papers during the past two years have given considerable space to the space to the topic and discussion of better milking.

Better Milking is frequently called **Fast Milking**. Some dairymen have become confused in thinking that Fast Milking is obtained by increasing pulsation rate, or purchasing additional units. This is not so. In the majority of cases fewer units are used.

Dairymen sometimes think of Fast Milking as being incomplete milking. Cows that milk fast almost always milk better and cleaner. Actually, Fast Milking is the result of better milking.

Proper preparation of the cows is of the utmost importance. Many dairymen try to milk their cows without proper preparation—consequently they milk slowly, incompletely, and finally may develop objectionable habits.

To establish a Better Milking routine, the ten steps listed below should be followed:

1. The herd should be classified, so that if infected animals are present they may be housed separately or placed at one end of the line, to be milked last. This prevents transmission of disease by the act of milking, either by hand or machine. Care should be taken to be sure that the machine has been thoroughly sterilized before it is used the next milking. This insures the milker always being clean when it is again used on healthy animals.
2. Milking should be done by those who enjoy and appreciate cows. Cows are often milked by those who are most accessible, without much thought being given to their milking capabilities. Husbandmen are steadily learning the importance of skilled employees to care for and handle their expensive herds. The dairy cow should receive the same care and attention as the skilled worker gives his machine. It takes years of experience and work to become a skilled dairyman.
3. Cows should be milked at the same time each day, both morning and evening. They are creatures of habit and if changes are made in the daily routine of feeding and milking them, it is reflected in their production. Milking cows at the same time every day is one of the oldest fundamentals of milking and perhaps the only one that has been passed down through generations of dairymen.
4. Cows should be prepared just before they are milked. Udders and teats should be wiped with a warm cloth moistened in a warm (130 deg. F.) chlorine or soapy water. This operation cleanses the udder, insures clean milk and stimulates the cow to "let-down" her milk. The manipulation of the udder in the course of cleaning is a substitute for the nursing action of the calf. This action stimulates the release of a hormone from the pituitary gland, which enters the blood stream and upon reaching the udder causes the small muscles to contract and squeeze out the milk. It is characterized by the udder and teats becoming distended, due to high intraglandular pressure. Many cows will "leak" their milk, which is a common sight in any stable. Scientists generally agree that the cow has no direct control over the "letting down" or ejection of milk, but what she sees or hears and associates with milking acts as a conditional reflex and causes a favorable reaction for the cow to "letdown" her milk. On the other hand, fright or changes in the routine will cause an unfavorable reaction, and she will involuntarily fail to "let down" her milk.
5. As the milker sits down to the cow, or just before the teat-cups are applied, a few streams of milk should be milked into a strip cup. This procedure not only opens the natural seal on the ends of the teats but will detect abnormal milk.
6. The actual milking operation should not take longer than an average of four minutes. By fast milking there is the removal of the milk from the gland cisterns as the milk is ejected from the smaller alveoli and recesses of the udder. It might be said that there is complete cooperation between the manual or mechanical act of removing milk from the udder and the physiological act of milk ejection. Slow milking by either hand or machine will cause slow milking habits in cows and it is less favorable

to udder health. Dahlberg, in his recent work at Geneva, states that faster milking will increase milk production and promote better udder health.

7. Hands of the milker and teat-cups should be rinsed or dipped in a chlorine solution (250 ppm) between cows. This is a simple rule of stable hygiene.
8. Stripping either by hand or machine is merely a formality of inspecting the udder to determine if the animal has been milked clean. Less and less importance is being attached to stripping if the modern practice of milking is adhered to. Hand stripping should be conducted by full squeezes of each teat to remove the few remaining streams of milk if the cow has been properly milked. The tendency of many strippers is to use the thumb and forefinger and perform a prolonged stripping operation. Prolonged hand stripping will cause a dairy cow to become a slow milker as will no other factor. There is no cause for alarm if from one-half to one pint of milk is allowed to remain in the udder. There is also no cause for alarm as to butterfat as the high-test milk that is left in the udder will be regained at the next milking. Machine stripping should be practiced by putting a small amount of pull on the units with one hand while the other hand manipulate and strikes the quarters. Only a few seconds is required to carry out this operation.
9. The dipping of the teats after milking is a strongly recommended practice. The milk on the end of the teats will be rinsed off and a certain amount of antiseptic solution will remain, which will tend to destroy bacterial growth.
10. Milking machine sanitation, of course, is very important and necessary in quality milk production and animal health.

METHODS AND DEVICES I HAVE FOUND HELPFUL ON MY FARM

Forum conducted BY A. A. BORLAND, State College

A year ago, one of the most interesting features of the Pennsylvania Dairymen's Association program was a forum on "Labor Saving Devices I Have Found Helpful on My Farm". The brief accounts by several farmers of their homemade devices for saving labor were so fruitful that it was decided by the program committee to repeat the subject this year, only on a somewhat broader scale so as to include methods as well as devices that have been helpful to individual farmers. I am sure that the following presentations by practical farmers from their own experiences will be most helpful to other farmers and dairymen throughout the state.

Improving Dairy Pastures

M. Dice Statler, Chambersburg, told about the procedures he and his father had followed in improving their pastures. Mr. Statler completed the two years course in Dairy Farming at State College in 1940. Evidently, the Statlers are putting into practice the knowledge he gained in his two year course in Agriculture.

His remarks follows:

In 1939 we had our farm of about 100 acres laid out on contour strips. All of the inside fences were removed and an entirely new farm layout was planned. We decided on a plan whereby we would have approximately 60 acres for corn, wheat, and hay; 20 acres for permanent alfalfa; and 20 acres for pasture. At that time we had only about twenty-five head of cattle, but since then our head of dairy and young cattle has increased to between forty and fifty head. We found that we would have to make every acre count if we wanted to have adequate pasture.

The twenty acres we planned to use for pasture were located near the barn in a rocky field. By the use of electric fence we divided this pasture into seven individual pastures of about three acres each. We fenced off about three-fourth of an acre near the barn as a lodging for the cows. Plenty of shade was found here and a stream of water passed through the lot.

Eight of the twenty acres we seeded to blue grass, white clover and alfalfa. It took about two years until the blue grass was of much value as pasture and then it seemed to last until July and then it would become dormant. The alfalfa in the remain-

ing pastures was getting thin and we had been hearing about Mr. Wilbur Barkdoll's experience with orchard grass and ladino clover. So in the spring of 1942 we decided to give it a trial. We sowed 1½ lbs. of ladino and 12 to 14 lbs. of orchard grass per acre. By August of that year we had already begun to see its value.

This past spring we decided to re-seed all of the old pasture lots with this same mix of orchard grass and ladino. Mr. Knode, our County Agricultural Agent, and Mr. Barkdoll suggested that we harrow the fields both ways with a spring tooth harrow and sow the seed with the drill. We did this and we have a very good stand and already the pasture prospects for 1944 look a lot brighter to us.

Now a word about treatment. We have limestone clay soil. In 1939 we put two tons of ground limestone per acre on the entire twenty acres. We put 400 lbs of 20% super-phosphate on the ground before we seeded the pastures. Since then we have a plan whereby we manure and fertilize the pastures every other year. We put fifty pounds of 20% super-phosphate on each load of manure and about seven loads of ten tons of manure per acre. In this way we have the equivalent of five tons of manure and 175 lbs. of 20% super-phosphate per acre per year; we also are able to do this in one operation. We feel that this treatment will maintain these pastures at a maximum yield. Efforts are always made to top-dress pastures in the fall.

Handling of the pastures is another factor. Five of these pastures are used for the dairy cows and the other two for young cattle.

About May first we turn our herd of cattle into one lot, after milking, and leave them there for about an hour and one-half. We then put them into the small lot with shade and water provided. In this way the cows don't destroy a lot of the pasture by tramping it down or lying on it. Fewer droppings are left there to spoil the pasture in later summer. The cows are left on this lot until the grass is about two inches in length. Then they are put into the second pasture with a new growth to start on. One of the pastures usually lasts from six to twelve days, depending on the moisture we have. Last spring one lot of three acres provided pasture for twenty-nine head for fourteen days and they had plenty to eat each day. Since we used this pasture mix we have not had any trouble with cows bloating.

When we have heavy rains we put the cows in the blue grass pasture so they don't tramp and destroy our good pasture lots. If the ground becomes too soft we keep the cows in the stable and feed them hay. We feel we would rather sacrifice a few pounds of milk than destroy a pasture for the summer. We also clip these pastures in June and again in August to kill weeds. In case we have more pasture than we need we mow one of the lots for hay. In the late fall we go over all the lots with a spike tooth harrow to scatter the droppings so the cows don't hesitate to graze in the spring and so the manure is scattered more evenly.

In conclusion I might say that I don't know of a thing that gives a farmer more satisfaction than to have plenty of pasture; particularly so in these times when feed is so scarce. The financial return per acre of pasture is greater than with other crops. If these things are true why not give our pastures a little better treatment and see what they really will yield?"

Harvesting Hay With a Buck Rake

This subject was presented by Charles Reiter, Halifax.

"During the last summer, we have used for the first time a buck rake to harvest the hay crop on our farm. Prior to this, we heaped the hay from the windrow and forked it on the wagon and hauled it to the barn. This required much labor and was hard work.

Looking for an easier method and one that my father and I could do because we didn't have any other help available, we decided upon a buck rake as our solution.

This rake is constructed of all wood. The work was done on our farm with the aid of the Assistant County Agent. The rake is 10 feet wide and the teeth are 12 feet long with a 5 foot board. I have the rake mounted on the back of a 1935 Dodge dump truck. We removed the box and made a sub-frame on the chassis, using the hydraulic pump and system of pulleys and cable to raise, lower and carry the rake. With this method, we were able to raise the ends of the teeth 10 feet from the ground. By carrying the load at such a height, the load will settle tighter against the back board while driving from the

field. Also, the rake will clear the tops of fence posts easier which makes for shorter turns.

We used a dump rake to windrow and whenever possible, would windrow the length of the field and load from two rows alternately. Most of the time, we double loaded. By this, I mean pushing as much hay on the rake as will go on easily and repeating the same operation from the next windrow. We then set this load on top of the first and pushed both loads on the rake to drive to the barn. This proved to be economical, in time and fuel.

We made approximately 50 tons of hay by buck rake with a total of 40 crew hours of labor. This gives an average of slightly over a ton an hour. This may not seem high but because there were only two men, the driver had to help work the hay apart in the mow and in that time, the truck didn't operate. To put this away required approximately 98 man hours or nearly 2 man hours per ton. This is a great reduction over the old method.

We have found that with a crew of three, we could operate more efficiently than with two, one driving the truck, one on the barn floor taking care of the sling, and one in the mow. However, with a crew of four or more, the ratio of efficiency would not be greatly increased. It required between 8 and 10 minutes to go from the barn and get a load and return to the barn at a distance of ¼ mile one way.

Our fuel bill amounted to \$7.00 for gasoline and \$2.00 for oil. Our labor bill that we paid to others amounted to slightly over \$5.00, which sum was very low considering the amount of hay we harvested.

A few of the advantages of a buck rake as we have found it are: (1) The reduced time to put our hay away and the reduction of the hard labor to practically nothing. (2) The quality of our hay was much higher than before. (3) When our clover was at the right stage to be cut, we could mow a larger amount down and know that when it dried sufficiently, we could put it away. (4) More leaves stayed on the clover and alfalfa because there was less handling. (5) We didn't need to use a fork until in the mow where the hay was pulled apart. (6) The hay that we put away last was as good as the first.

In the barn we handled the hay with a three rope sling and a reared. Laying the sling on the floor and dropping the load on it, we pulleyed the entire load into the mow with a tractor in one operation. In my estimation, this device or one similar to it is much of a time saver as the buck rake.

Not only did we use our buck rake to put away but also to haul corn fodder from the shredder. By pushing as much fodder on the rake as would stay on, we were able to keep a large shredder going. We shredded eight acres of fodder in five and one half hours.

We have been well pleased with all the experiences we have had with our buck rake.

Hay Hoist

Hugh Wilson, Warrior's Mark, discussed this subject. Mr. Wilson is not only a good farmer but also a good dairyman with a herd, mostly Jerseys that average over 500 pounds of butter fat yearly.

"Professor Borland feels that you would be interested in an electric hay hoist I have been using, as I will try to describe it to you. I will tell you of the hoist I made in 1930 because it was constructed with a small amount of tools, a hammer, saw, and a few wrenches.

The hoist consisted of the front half of a junked car differential housing, the drive shaft, transmission, and one wheel. A log, about seven inches in diameter was fitted to the drive shaft to act as the drum on which the hay rope is wound. The car wheel was secured to the front end of the transmission to act as driving pulley. A two H.P. motor was belted to this pulley.

The next step was a control. This was a rope and pulley so arranged that pulling the rope would put the transmission in low gear. A spring was attached to the opposite side of the gear lever so that when the control rope was released, the transmission would go out of gear. An off and on switch for the motor was also attached to the control

rope. When ready to loist a load of hay, a pull on the control rope started the motor and engaged the transmission in low gear. When the hay got to the desired point, releasing the control rope, it stopped the motor and put the transmission out of gear, so that the hay fork was easily returned to the barn floor.

This hoist has lifted fourteen hay crops and straw, since we have had a combine. Sometimes we use it in the winter to take the hay out of the mow.

The advantages of the electric hoist are:

No coils of hay rope lying on the barn floor

No waiting for someone to hitch horses or tractor to the hay rope.

No driver needed.

In fact, some hired men will complain that there is no time for a "blow" between loading and unloading".

Hay Hoist and Hay Chute on Asa Beedy Farm

Since Mr. Beedy could not be in attendance at the Dairymen's Meeting, the unique chute he has written up by L. K. Shoemaker, Asst. County Agricultural Agent, Meadville

"Asa Y. Beedy, Cambridge Springs, R. D. Crawford County, is a young dairyman living on a farm of around 200 acres along the French Creek Valley, and having 22 to 25 cows and raising his own replacements, usually 8 to 10 head of young cattle.

The work on his farm is done by himself and one hired man which he had been keeping the year round until this present winter. Four years ago, while pulling hay up with team of horses, they nearly had an accident several times, due to the fact that they had to pull out on the road with the horses in order to unload hay. As a result of these experiences, Mr. Beedy made himself a hay hoist during the winter in his small shop.

This hoist was made mostly from equipment he had around the farm with the exception of several pulley wheels and some of the boxings or housings for the metal shafts. This hoist is mounted on the beam some 15 to 20 feet above the barn floor, Mr. Beedy having a two-story or basement barn.

A five-horse power electric motor is used to furnish the power. Mr. Beedy states that a three-horse power motor would do the work. Our attention was called to the importance of having hay hoist so located that one could see it from the load of hay and at the same time have it up from the floor so that hay and straw could not get mixed up in the rope and cause trouble.

The pulley wheel of the motor is 6 inches. From this motor pulley, the belt attaches to a 22 inch pulley on one end of the shaft and on the other end of this same shaft is a metal pulley of 7 inches. This shaft has a sliding boxing to which the clutch lever is attached. A rope is attached to this clutch lever which a man operates from the load hay. This sliding boxing for this shaft makes it possible to pull the small 7 inch pulley wheel in contact with the large 36 inch wooden pulley wheel on a second shaft to which the hay rope is attached. By pulling the rope of the clutch lever, the small pulley wheel pulls the small wheel in contact with the large 36 inch wooden pulley which winds the hay rope and pulls the hay into the mow.

Mr. Beedy said you could unload two loads of hay with this hoist and electric motor while you were unloading one load with the horses. While the horses would ordinarily be turning around, the fork can be pulled down and set, and in this way, double the amount of hay can be unloaded. This homemade hay hoist has been used for three years.

During the spring of 1942, Mr. Beedy got the plans for making the hay chute from the County Agent's office and installed one in one of his mows. His neighbor who came in and saw him building this chute, told him some day there would be a rain storm come up and he would have to stop and tear the "damn contraption" out of his way. However, after unloading hay in this mow until it was filled and they had to move to the empty mow at the other end of the barn which was without a chute, the hired man commented that he wished a chute had been placed in that now, also. During the spring of 1943, a chute was placed in this second mow.

The chute or distributor is an inclined slatted frame, mounted on a strong post erected and braced in the center of the mow. The inclined plane can be shifted to any direction in the mow by a system of ropes and pulleys. When the hay falls upon the distributor,

it is thus directed toward any desired location in the mow. Plans for this hay chute can be secured at any County Agent's office or can be had by writing directly to the Agricultural Extension Service, State College, and requesting a copy Hay Chute leaflet, Drawing No. 105-3.

Mr. Beedy found that the hay could be thrown 25 feet each way in the mow by the use of this chute. He says that one man and a hay chute will do what it takes four men to do without a hay chute. The plans for building a chute in a barn may have to be varied slightly as to distance of the chute from the roof of the barn, depending somewhat on the type of barn. Mr. Beedy found that his one chute had to be lowered about one foot from the original plans. However, this may have been due to the type of fork he uses to unload, which is the "grab" type. There was not room enough for the fork full of hay, to be pulled in until he lowered it one foot.

Mr. Beedy's neighbor who thought this device would not work and would have to be torn out, was out in the woods cutting poles last month to build one or two in his barn this winter. Mr. Beedy said he unloaded a number of loads of hay in the mow without a man in it, since he had the hay chute and it only took a few minutes to do necessary leveling off of the mow. He states the hay is not any harder to take out of the mow in the winter than it was without the chute.

Mr. Beedy is now going to take another step to save labor in his hay making operations by building a one-man hay rack. This rack is made by having a 9 foot platform on a small truck or wagon which is loaded with hay and after the rack is loaded, it is moved to, the front end of the wagon and the other half is loaded".

Hay Sling Hoist

Mr. Adam Fortney, Duncannon, has devised a quick method of unloading hay. His description of this hay sling follows:

"I have been using a regular three rope sling the past two summers but we have constructed a wagon type sling, 7 feet wide and 18 feet long, with the trip in the middle. It has three 7 foot cross bars to hold the three half inch ropes in place and a sling pulley which is designed to pull the load together by horse power rather than manpower.

With the sling I have been using, you bring the ends of the ropes back over the hay and hook them on the trip, which procedure is quite difficult if the load happens to be very large.

This next summer we will have to haul hay farther and we expect to double load our buck rake. We hope this new sling will take care of this double load. We spread some hay on the barn floor to help hold the hay when the buck rake is pulled out from under the load.

The sling is placed on the floor, then the load is dumped on it and the whole load is lifted up into the mow at one time. The hay is not tangled and falls apart in bunches which makes mowing much easier".

Saving in Chores

Hugh Fergus, Slippery Rock, told how he saved steps in doing chores on his farm:

"About 33 years ago when a student in State College, one of my courses was in Farm Management under Dr. Thomas F. Hurt. One of the few things I remember of the many he told us in that class was: 'Whenever you get out on a farm of your own, remember that in any of your daily chores, if you can make a daily saving of a minute on those chores, you will make a saving of six hours per year, or two minutes daily will be about an average farm working day'. That is one of the reasons my livestock is confined to cows only, for I think if you men who have hogs and chickens will keep account of your time, you will find it will take you at least ten minutes daily in going from cows to chickens, and another ten, going to your hogs which will mean ten days a year. In the time used in this operation, you could milk and care for another cow.

Do not think that by keeping cows only on my 185 acre farm, my financial eggs are coming all from one basket, for in my crop, I apply the same principle, growing only three crops, viz, corn, oats, and clover. This means my fields can be larger, thus eliminating a lot of fence rows that can be used for crops and is a saving in keeping them clean. Did you ever stop to think that it takes 50% more fence for four ten acre fields

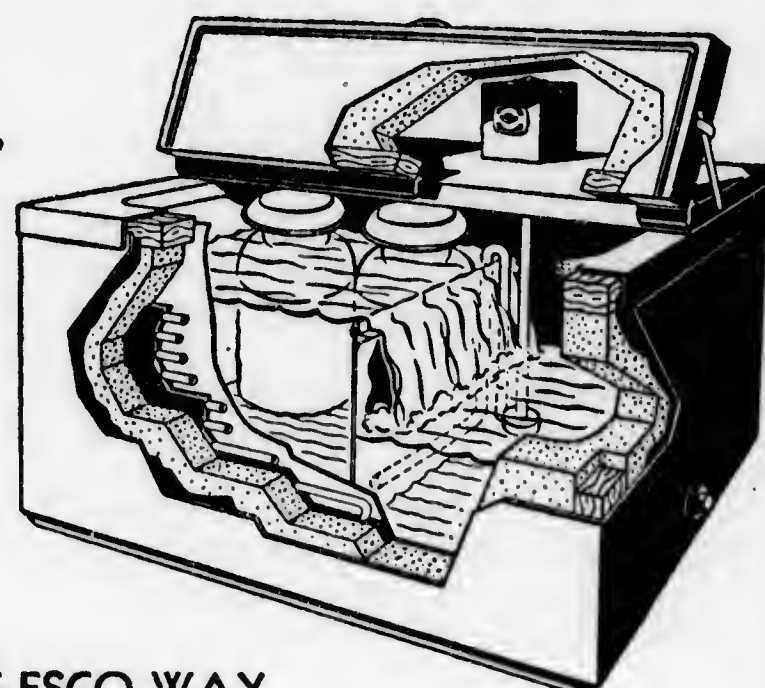


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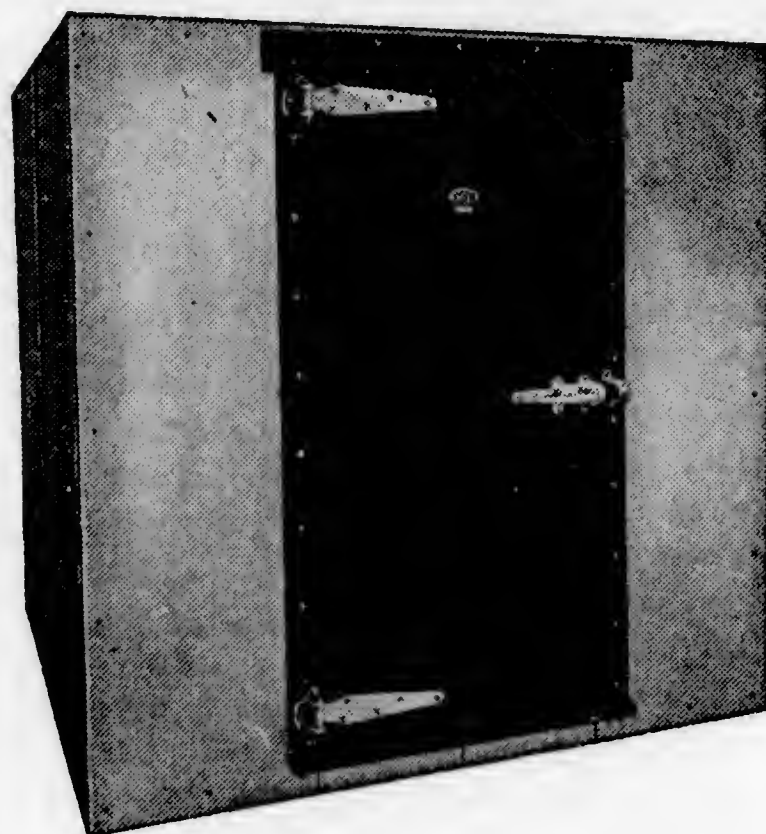
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than it does for one 40 acre field. From these crops of corn and oats, in addition to raising all the grain and roughage for 80 head of cows and young cattle, my annual cash sales of surplus oats for seed and corn for feeding purposes average over \$1500.

In such a limited time, I can mention only a few things that cut down labor. One of these is so cheap and yet so little used that I doubt if most of you ever heard of one, to say nothing seen or used one. To get them, I have to order through my local hardware man who gets me half a dozen at a time at a cost of about \$2.50 each. I am talking of the barley fork. These are forks made with either four or five tines, 12 inches wide with the tines 18 inches long. Be sure to get them with a 30-inch handle with a grip on the end of the handle than with a common fork handle. They are no good for getting hay or straw out of a mow but are very useful in handling loose hay in the feed alley or if you have to carry the hay some distance on the barn floor, as we have to carry about 40 tons of hay yearly, a distance of 45 feet. This type of fork is also a time saver in bedding our shed with straw or shredded corn stover. We use them too, both in throwing ensilage out of the silo and in filling the baskets to carry along the feed alley. For the hay and straw, I like the 4-tine types and for silage, the 5-tine type. Imagine cutting the time in two of handling 250 tons of ensilage, 40 tons of hay, and 50 tons of bedding and you will know how much time in a year, we save.

Another of our practices that saves a lot of time is in the shed system of keeping cows. The only time we tie up the cows is for milking and to eat their grain. The balance of the day and night, they are on pasture in summer or in this enclosed shed in winter. Feeding of hay and silage and bedding is done twice a day. Both slat and water troughs are accessible at all times. Just now we are running 40 cows in it. There is enough room in it so that each cow has 66 square feet of space, or theoretically a space 6 ft x 11 ft. This part of the barn is so built that the manure spreader can be driven through the center of it and the manure loaded from both sides. The only manure having to be handled twice is that which is dropped while the cows are in the stanchions, which amounts does not take over ten minutes daily to remove. You men who keep cows in stanchions can appreciate the daily saving of time in cleaning stables. Personally, I think cows keep cleaner under this system than when tied in stanchions. In any bacterian count, we ever made, we never had over 10,000 per c.c. Although we have 49 stanchions 20 would be enough if the shed were divided so that half the herd could be milked turned out, and then the other half put in and milked. The biggest objection I have to it is that we have timid cows that have to wait until the bosses eat and lie down before they will go to the feed rack. We partly eliminate this objection by milking and turning out the timid one first, so that they are partly filled before the "bosses" are untied and turned out.

I could mention a number of other ways in which we save labor both with our cows and on the farm but my time is limited to five minutes, so I have mentioned the one I thought were least common to you".

Corn Crib and Elevator

Clyde L. Moore, Slippery Rock, has built a corn elevator and crib that saves a of labor in filling. Mr. Moore could not be present but his neighbor, Mr. C. B. Wachsmuth, Butler, presented the paper prepared by Mr. Moore.

"This crib is 22' by 30', with a 12' driveway through the center and a crib at each side. Crib are 5' by 30 and 10' high. Four parallel ditches were dug to below frost level; these ditches were one foot wide and 30' long, two for each crib.

Forms were erected over ditches so that tops were level, and high enough so tha, the one on the upper side was one foot above ground. All were filled with concretet bolts being placed so that sills could be fastened solidly. Studdings are 2" x 6" hardwood, as are rafters and joists under cribs. Joists above driveway are 2" x 8" hickory. Siding is of red oak cut 1" x 6" and then beveled on edges. This siding was beveled at home on buzz saw. All lumber, except lining for oats bin and that for doors, was rough lumber, home cut, and logs hauled to saw mill, put up unplanned. Roof is half pitch, giving plenty of room over driveway. One third of this overhead space is used for oats bin, balance for corn.

The building will hold 600 bushels of oats and 3000 baskets of corn. Elevator extends from ground at upper side of crib up between center rafters to comb of roof where corn is distributed to all parts of cribs by light movable chute.

Elevator is 28½' long, 8" wide inside, with flare boards 3" wide. Flights are of hardwood, 3" x 7½", spaced one foot apart and are fastened to attachment links with stove bolts. Chains used No. 62. Sprockets and shafting are from an old manure spreader.

This elevator was built in home workshop from old parts available, except lumber, chain and stove bolts which were bought. Even 24" pulley for reducing motor speed was homemade. Elevator is driven by a one H. P. motor but a motor of ½ H. P. would operate it.

The flights travel at about 175' per minute and will elevate corn as fast as one can shovel into hopper; faster than he can shovel and keep it up. Building and elevator were given a good coat of barn paint. Rough lumber requires more paint and more elbow grease than planed lumber but when it is once painted, it stays better."

Cutting and Loading Silo Corn at One Operation

Mr. M. Reed Welch, Burgettstown, described a method of handling corn silage that has proven quite satisfactory on his farm.

"A Farmall type tractor is used to draw the corn binder and truck at the same time. The corn is loaded as it leaves the binder in an upright position, to the truck by a man standing on a platform built on the rear of the binder. This operation required two men, one on the tractor and one on the binder. However, a third man on the truck to load the corn, speeds up the process and requires much less hard work.

The binder is so hitched that the drive wheel trails the drive wheel of the tractor, and the truck is hitched to the opposite end of the drawbar of the tractor by a swivel clevis bolted to the center of the bumper of the truck. The steering wheel on the truck is set for straightaway and a weight suspended thereon to prevent its turning.

The platform on the binder extends back thirty inches from the rear frame and eight inches lower than the flat body of the truck. A guard is bolted to a crossbar of the body of the truck just in front, outside the rear wheel and extending downward. The purpose is to prevent the platform on the binder from interfering with the truck wheel when moving on a contour curve or on hillside. The result of this "Method and Labor Saving Device", has been that three men have filled at 12 x 32 foot silo in twenty eight hours without any great effort.

Mr. Welch also described a two man plan which he has been working out for handling of hay harvest. In favorable harvest weather, about five loads of alfalfa is mowed down just after noon. The following day this hay is raked into windrows just before noon. By mid-afternoon, the hay is cured and ready for storage but if left on the field until early the following day, when it is hauled to the barn.

By handling alfalfa in this manner, it becomes thoroughly dry and then takes up sufficient moisture during the night to cause it to be slightly tough and can be handled with scarcely any loss of leaves. The equipment used for this purpose, consists of a tractor with mower attachment, a side delivery rake, a hay loader, a Farmall type wagon with a hay rack 8 x 16 feet, and a truck with a flat body 8 x 12 feet.

The routine of a days work is; first the wagon is loaded as soon as possible, then the truck is loaded, taken to the barn and the hay is dumped on the rear of the barn floor. This is repeated until the last load; that remains on the truck until later in the day. The time required is about forty minutes to each load. The average load will weigh about a ton as it comes from the field. Next the hay that was mowed the previous day, is raked into windrows. Then it is time for lunch. After lunch five more loads are down. This requires about one and half hours. The balance is spent unloading the wagon and the truck into final storage, also the hay that was dumped on the barn floor.

As a result of this method, two men stored sixty-six loads of hay this past season, in addition to putting twenty-six loads of green alfalfa in the silo without experiencing the extraordinary strain that usually accompanies hay harvest.

A cultmulcher is used in preparing the seed bed for corn and wheat. A blade, similar to a road grader blade, has been attached to the front frame bar of the cultmulcher. This blade is adjustable both as to horizontal and vertical position. The purpose, to level the soil before the cultmulcher. By setting the blade at an angle, sufficient

soil can be moved to level a finishing furrow or a backed in ridge, at the same operation that prepares the soil for planting. This has been found to be particularly useful in leveling the finishing furrows in long and rather narrow contour strips.

The blade was made by using six inch channel iron cut to the desired length, and a ½ x 2¼ strips of steel welded to one edge of the channel iron so as to have an eight inch face on the blade.

The units of production of this form have more than doubled in the last twelve years while manpower and initial capital investment have remained a constant factor. This can be attributed to the "Labor Saving Methods and Devices" that have been applied to the operation of the farm."

Ensilage Harvesters as Labor Saving Equipment

Donnell Marshall, Laurel Locks Farms, Pottstown, gave the results of their extensive experience with silage harvesters.

"This study of ensilage harvesters as labor saving equipment, is based on the present operation of four of these machines. The first two were bought new in 1932 and cost \$500.00 each; the third, a used machine, cost \$136.00 in 1936. These harvesters have been used each year, except one, since purchased with varying results. The exception was 1933 when the corn was all blown flat by a storm just before harvesting. That year we got extra labor to cut the corn and load it, and the cost was no more than in some years when the harvesters were used. But the point is, we were able to get the extra labor, and also we had no choice.

Most seasons, the ensilage harvesters can be used to good advantage, and when this is the case, the silo filling operation can be finished much quicker than otherwise, thereby making for better silage at lower cost.

Like any other piece of field equipment, these machines are subject to breakdown, this must be kept in mind when planning the operation. For this reason, the third machine was purchased. It enabled us to keep two machines going in the field most of the time during harvest. We have found by our own experience, the parts which break most frequently, so we try to keep on hand some of each of these in order to make repairs with the least possible delay. We also keep on hand an extra set of knives for each machine. Each night during the harvest the dull knives are replaced with sharp ones and the machines are cleaned and greased and examined for obvious wear and points of likely breakdown. These are tightened and put in working order for the following day's operation. At the end of each season, the machines are taken entirely apart, and rebuilt, using none but parts which seem to go through the coming season.

Our fourth machine has been used just one season at a separate farm. The operation was not satisfactory because of the condition of the machine, the delay in getting parts, and the unfamiliarity of the operators.

We consider the ensilage harvesters to be satisfactory labor saving equipment where a large enough acreage is involved to justify such an investment in the original equipment and the maintenance for it."

Meeting the Protein Problem in Dairy Feeding

Mr. William Hicks, Tyrone, told how he and his father are meeting the protein problem in feeding this high producing herd of Brown Swiss cows.

"In an effort to keep more of the milk check in our own pockets, we began feeding our Brown Swiss cows, whole ground soy beans in the fall of 1937; and have fed them continuously, both in winter and in summer ever since. The beans are grown on our own farm.

The quantity fed, expressed in percentage of the concentrate ration, has varied from a low of 10% in summer to a high of 30% during several winters when the soy beans were the only high protein ingredient in the ration. Assuming that our soy beans are of average protein content 35% to 37%—our grain ration containing the 30% beans would average around 17½% to 18% crude protein. The other 70% of the ration was made up of any grains that we happened to have been fortunate enough to raise.

We like to have variety including 20% to 25% oats; but if we don't have the oats

and do have plenty of corn, for instance, we don't spend time and money trading around. We have fed as high as 60% ground shelled corn. We can't see that changing the composition of the chop has much effect on milk production, if the analysis and the palatability remain the same; nor do we see any point in worrying about the weight of the chop so long as it is fed by weight. Of course I have been speaking of milking cows. We use a light fitting ration for the dry ones, even though it is necessary to buy some of the ingredients, but the protein in it is furnished by ground soy beans.

The 30% soy bean chop is just fine except for one thing. The cows put a ceiling on the amount they will eat at one time. Individuals vary but our average cow will stall at around 15 or 16 lbs. daily of that crop. Some will do splendidly on 12 lbs. per but will go off feed if 14 lbs. are fed. The limiting factor seems to be the fat content. According to Henry and Morrison, soy beans average about 17% fat. So, two years ago, in an effort to get more grain into our cows, we substituted 10% linseed oil meal for 10% soy beans. The crude protein in the chop remained approximately the same, but the whole soy bean content was reduced to 20%. Since spring of this year we have been forced to use 15% of a 28% dairy feed in place of 10% oil meal. This crop, with either the oil meal or the dairy feed, is the most satisfactory grain mixture we have ever used. It is extremely palatable. The cows never seem to tire of it. We feed entirely by weight, twice a day, and we use the rule—one pound of grain per day for each pound of butter fat per week, as a rough guide. Our highest producing cow has eaten 25 lbs. per day and asked for more. She was producing almost 3 lbs of butter fat a day at a time.

Now a word about results. We have noticed three outstanding points about feeding the whole ground soy beans. First, we noticed a very marked decline in the number of retained placentas in the herd. The percentage dropped from about 40% to 10%. Of course, we can't say dogmatically that this was entirely due to the inclusion of the soy beans in the ration. We didn't do any experimenting, didn't have any controls, weren't at all scientific about it. We just think the beans were responsible. Second, our cows have a much healthier general appearance. They are sleek and in good flesh in the spring, after the winter stabling, and seem to be in the best of health. This may not add to the milk check but it is a source of satisfaction to us, and is worth money when a prospective buyer of "pure bred" wants to see the herd.

Third, and final and most important. We get more milk than we ever did without soy beans. The cow I mentioned before, has just completed a 305 day, twice daily milking record of 16,140 lbs. of milk and 671 lbs. of butter fat. Our 27 cow herd average for the cow testing year ending last June, of 416.7 lbs. butter fat was the highest of all breeds in Huntingdon County. Our County Agent told me he thought it was the second highest Brown Swiss herd in the State. We milk twice daily.

Of course, we realize that Louis Zimmerman is still out of sight over the horizon but we are pleased, none the less.

As far as we are concerned, there's just one fly in the soy bean ointment. We don't like to grow them. We think they are hard on the soil, it is difficult to fit them into a rotation, and more often than not, they are host to a fine crop of weeds that make seed right along with the beans. All in all, however, a crop of soy beans is a very good insurance against a shortage of high protein supplements."

Raising Dairy Calves

Leland Ballard, Troy, has the reputation of being one of the best calf raisers in Pennsylvania. He was therefore, requested to tell about his methods.

"To raise a good calf, in our opinion, goes back farther than the calf itself. At the mating of the sire and dam, the sire should be in good breeding condition and of course, the cow should be well cared for before freshening. These two factors are really what result in a good, healthy, sturdy calf and a good calf at birth is far easier and cheaper to raise than one that has to be pampered during the all-important first month.

When the cow is near freshening time, we put her in a good sized, clean, well-beeded box stall which is free from draft. We do not use a stall with a concrete floor for the cows to freshen in. We leave the calf on the cow from 12 to 24 hours except when the cow has been premilked. In this case, we take the calf away soon after it is dry, and in each case, the first feedings are always of its own mother's milk. We do not feed a calf the first feeding time after it has been taken from the cow. Nature seems to clear the way during that time for the calf's introduction to drinking from a pail.

As soon, as the calf has learned to drink, we put it in a clean, well-lighted, individual pen, approximately six feet square. We try to make the pens as comfortable as we can with all the light and freedom from draft as possible, as a chilled calf is a hard thing to convince to grow. Each calf can see the rest of the calves in the stable as the pens are partitioned with square mesh wire (2" x 4") 5 ft. high, or muskrat wire (1" x 2"). By keeping the calves separated, each one can be treated as an individual. There is a great difference in the amount some calves eat. A closer contact can be kept with them if they are separated. Also, by separating them, you avoid the sucking that follows milk feeding when they are small. This habit can prove very harmful, as no doubt many blind quarters and poorly shaped udders on cows could have been avoided if they had been kept in individual pens as calves.

As I stated before, we do not feed the calf for about 24 hours after it has been taken from the cow. The calf gets quite hungry during this time and we like to keep them on the verge of being hungry for three weeks at least. The amount of milk which we feed, demands on a number of things, but no calf receives more than 10 lbs of whole milk a day and that only at the peak of its milk feeding which is about the fifth and sixth weeks, depending on the calf. Some get less, as we try to be careful not to give the calf so much milk that it will be forced into the paunch. After the calf has started to eat roughage, the paunch starts to function. Information on why milk should not get into the paunch until after the calf has started to eat roughage, can be obtained from Mr. Joe Nagaette, and should be remembered by anyone raising calves. Our calf pails are used only to feed milk and are cleaned after each feeding.

One of the most important things, we think, is feeding cod liver oil. We feed one teaspoonful once a day in the milk as long as the calf is fed milk, which is around three months. Cod liver oil will put good strong backs, level rumps, good legs, fine quality skin and hair on calves and above all, give them a very good appetite.

As soon as the calf has learned to drink its milk, we put some dry calf starter in a box hung on the outside of the stanchion in its pen. This box is easily removed for cleaning. Only a small amount is fed at first. When the time comes to cut down on the amount of milk, the calf starter is increased in proportion. Both, fed too liberally at the same time, may lead to digestive trouble. When milk is reduced to one or two pounds to each feeding, we give the calves all the calf starter they will clean up immediately. We think that the calf starter, to do a good job, should contain all the necessary minerals, etc., to make up the proper diet. Calf starter is generally discontinued at about 4 months of age, depending on the condition of the calf, and a good growing ration is substituted. Also, at this age, the calves are taken from the pens and placed in stanchions where they can be turned out in the yard which is sheltered on two sides, for exercise and sunlight. They have their own small stanchions and stables, and soon learn their own places as well as the cows do.

As soon as the calf has learned to drink, we have another removable box fastened on the outside of his stanchion for whole grain. We have fed whole oats and shelled corn but at present are feeding only whole oats and think we like it better. We have tried keeping the oats before them at all times but in our case, feel we can do a better job by feeding them all they will eat, twice daily. The four months old calves are now eating approximately 4 lbs of calf starter and 4 quarts of whole oats, daily, with no milk.

As soon as the calf is put into the pen, we put some clean hay, cut in early June, preferably timothy and clover mixed, in a rack which is fastened on the back side of the pen at least three feet from the floor where the calf can pull the hay down out of it. Most calves will start eating hay when a few days old. We find a calf will eat much more hay, pulling it down out of a rack than picking it up from the floor and it keeps much cleaner. The hay rack that suits us the best is woven fence wire, preferably hog wire. This can be stapled along the back side of the pen and will make a very good hay rack. The calves will pull the hay down through the opening and very little hay is wasted.

When the calf is about 10 days old, we start giving it water—about 2 quarts for the first times and the amount is increased as the calf gets used to it—until it has water before it at all times. Clean, fresh water is one of the most important factors in raising calves. During warm weather, we change the water twice daily so that the calves will have a good supply of fresh water all the time. These pails are hung in the corner of the pen with harness snaps to prevent them from being knocked down. Gunbarrel

snaps are much more satisfactory than the flat spring type, as calves will sometimes get the flat spring snaps fastened in the sides of their mouths or eyelids. As a labor saver, we plan to install some drinking cups for the calves when they become available. Some calves will drink two ten-quart pails of water each day, especially in warm weather.

As it takes time to care for several calves, a person cannot be blamed if he doesn't get into the pens and clean the calves off with a curry comb and brush each day but in these individual pens, we find we can brush the calves each day with a house broom from outside of the pen and never notice the time it takes. The calves certainly appreciate it. After all, if a person gets results, he doesn't notice a few minutes extra time spent in giving a little extra care to a calf.

All calves that are well cared for, do not necessarily become good cows but many calves that might become good cows, are ruined in the first six months of their lives."

Contributing Factors Toward a 700 Pound Fat Average—Roughage

Mr. L. A. Zimmerman, Leighton, who had the highest producing herd in the United States last year in Dairy Herd Improvement Association (692.8 lbs. butter fat) and in the Holstein Herd Test (731.9 lbs. butter fat) was asked to tell how he did it—with particular reference to his method of feeding roughage. Mr. Zimmerman commented as follows:

"In feeding our cows, we try to make them eat a lot of hay. We think that milk production and the amount of roughage consumed, go hand in hand. A cow cannot make the proper use of grain if she does not get an ample supply of roughage. It seems that the more hay she eats, the more grain she can safely be fed.

We feed about 45 lbs. of corn silage and about 20 lbs. of hay, daily. Feeding often is the way we encourage the cows to eat more. We feed hay five times a day—grain and ensilage three times. In the morning at 5:00 A.M., the cows get silage and grain. Then, that is followed by 2 or 3 lbs. of hay, and in a few minutes as little more and far enough away that they can just about reach it. That's the way they want it. That way we keep them busy until we have finished with the milking about 7:00 A.M. The bedding is then arranged under their front and hind feet and we try to stay out of the barn until about 9:30 A.M. Cows don't rest so well with someone moving in the barn. Then, we give them hay again and a little exercise when we clean the stables.

A rest period follows until 1:00 P.M., at which time the noon milking begins and continues until about 3:00 P.M., feeding the same as in the morning. A rest till 5:00 P.M. and hay again. During this part of the day, they eat the most. If they don't start eating, we walk down the alley and just roll the hay around to encourage them to start. Now the main reason we feed hay often, is that a cow does not like hay which she has breathed on for awhile. And if there is hay left from the former feeding, we take it out and give it to the horses, bulls, or heifers. When we feed and there is poor hay in the entrance, we don't give them that but throw it into the corner for the bulls. If it should be coarse, it goes to the horses. The reason the inferior hay goes to the bulls, is because our bulls are not used very much since we always have 2 or 3 in service.

Our last milking is at 9:00 P.M. and the same routine is followed except that I try to arrange the bedding before we are finished with the milking so that when I leave the barn, the cows will lie down. When we fix the bedding, the cows know enough to lie down. In ten minutes, about every one is down.

In the summer, the cows are on blue grass pasture and get hay three times a day. When pasture gets short, we feed ensilage. Last summer, we pastured ladino and timothy fields. Last winter, we fed mostly timothy with alfalfa and ladino. We had no second or third cutting. There was very little around to be bought. We don't feed poor hay to our cows'.

A barrage of questions followed the brief presentations of the speakers. Several other dairymen gave their own experience on the various topics, all of which served to make the forum one of the very helpful features of the program.

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Nineteenth Annual Meeting Pennsylvania Dairymen's Association

RESOLUTIONS

The Resolutions Committee, consisting of B. H. Welty, Waynesboro, Pa., Chairman, K. S. Bagshaw, Hollidaysburg, Allen D. Miller, Susquehanna, H. B. Steele, Pittsburgh, G. A. Boger, Allentown, A. A. Borland, State College and H. L. Seeley, Knoxville, presented the following six resolutions, all of which were unanimously approved at the 19th Annual Meeting of the Association.

RESOLUTION 1

We believe that subsidies are inadvisable as a substitute for adequate prices for milk, inasmuch as subsidies are inflationary and are in conflict with the principles of democracy and free agriculture. Subsidies also are a further step toward bureaucratic control.

RESOLUTION 2

In spite of the difficulties with which Pennsylvania dairymen are confronted in the production of milk because of price regulations, and the scarcity of feed and labor, we pledge our best efforts to obtain the maximum production; but to do this, dairymen must receive price adjustments for milk which will return to them at least the cost of production. Inadequate prices to producers can result only in an insufficient supply of milk to meet the needs.

RESOLUTION 3

The Pennsylvania Dairymen's Association appreciates the efforts of the members of Congress who opposed changes in the Oleomargarine Law.

RESOLUTION 4

The Secretary of this Association is hereby directed to send copies of the three foregoing resolutions to each Pennsylvania member of the House and Senate with a Statement that the resolutions are being sent in accordance with the instruction of the Pennsylvania Dairymen's Association in Annual Meeting assembled at Harrisburg, Pa., January 20, 1944.

RESOLUTION 5

We appreciate the difficulties facing Governor Martin in his efforts to obtain the approval by the Office of Price Administration of the Orders of the Milk Control Commission. Those Orders were issued in September 1943. One-third of a year has passed but farmers have not yet received the prices fixed by those Orders. However, costs the dairymen have increased.

We urge Governor Martin to use to the utmost the influence and powers of the State of Pennsylvania, to obtain approval of the Orders of the Commission.

The Secretary of this Association is instructed to send a copy of this Resolution to Governor Martin and to the Office of Price Administration immediately.

RESOLUTION 6

The Pennsylvania Dairymen's Association expresses its appreciation to the speakers who have presented such excellent addresses at the Annual Meeting and to the officers of the Association for their constructive work during the past year.

Respectfully submitted by:

THE RESOLUTIONS COMMITTEE

B. H. WELTY,
H. L. SEELEY
J. T. SHAY
G. A. BOGER
A. A. BORLAND
ALLAN D. MILLER
KENZIE BAGSHAW

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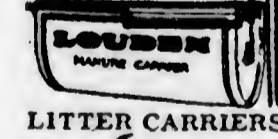
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ECONOMIC CONDITIONS FACING PENNSYLVANIA DAIRYMEN*

G. W. HEDLUND

Department of Agricultural Economics
The Pennsylvania State College
State College, Pennsylvania

The year 1943 has been one of uncertainty, confusion, bickering and pressures in the management of internal affairs. If there has been a year in which there were more emergency meetings, conferences and journeys to Washington, I do not recall it.

In the dairy industry the year might be pictured best by relating some of the major happenings. Probably the first was the action of the Office of Price Administration in freezing prices paid farmers for milk. Presumably handlers cannot legally pay producers any more for milk than they paid last January. Throughout the year the Pennsylvania Milk Control Commission attempted to increase prices to farmers, and late in the year the Governor of the Commonwealth lent his aid to the attempt to increase returns to dairymen. Some increases were obtained early in the year, but after the enunciation of the "hold the line" order, subsequent increases to farmers resulted in the first of three subsidies given the industry during the year. The first subsidy was paid to dealers on Class I milk so that they could raise prices to producers without changing the retail price. This subsidy is still in operation in certain markets of the State. The second subsidy came with the roll-back of butter prices. Here the subsidy was paid to the manufacturers of butter so that the retail price could be lowered without reducing the price to producers. The final subsidy, which came in October and is on a temporary basis until February 1944, amounts to 40 cents per hundredweight of milk in most of the State and is paid directly to producers who apply for it to offset increases in the price of feed.

In the latter part of 1943 the Food Distribution Administration issued its order which limited the sales of fluid milk by dealers in certain markets to the amounts sold by them last June, and reduced the volume of fluid cream sales to 75 per cent of the amount sold in June. This order does not affect many producers directly, but if it is effective it partially restricts the demand for their products. This description does not include the continued rise in feed and labor costs that occurred during the year and the difficulties experienced in obtaining acceptable quantities and qualities of each, nor does it mention the problems encountered by dairymen and others in obtaining farm machinery, equipment, gasoline and other supplies. Added to these regulations and other problems was the adverse effect on crop production and pasture conditions of a late spring in parts of the State and a dry summer in other parts.

Even though the year was difficult and in spite of the fact that control agencies adopted policies many of which were not approved by the majority of the dairymen of the State, by and large it was a relatively profitable year. It is granted that dairymen were not encouraged price-wise as the hog producers or the peach growers were, and they were not able to produce as much milk as they wanted to or as was needed. Even so, most dairymen made money in 1943; and though it was not as much as some others made it was probably more than they had made in a long time, with the possible exception of 1942.

Last year I did not anticipate all of these happenings in my talk before your association. In fact I anticipated very few of them. After reading the talk I gave last year I find that I was too conservative in most of my statements.

Price Changes

From December 1942 to December 1943 the price paid producers for milk in the United States increased 11 per cent, and in Pennsylvania 16 per cent. During the same period prices paid to farmers in the United States for all farm products increased 11 per cent, and in Pennsylvania 22 per cent. The costs of things United States farmers buy, including taxes and interest but not including labor, increased 8 per cent during the year. Farm wage rates increased 27 per cent from October 1942 to October 1943 in the United States, and 28 per cent in Pennsylvania.

*A talk given at the Nineteenth Annual Meeting of the Pennsylvania Dairymen's Association, Chestnut Street Auditorium, Harrisburg, Pennsylvania, January 20, 1944.

The trend of prices paid Pennsylvania farmers for farm products during this war and the trend in the previous war are remarkably similar, Figure 1. A year ago, after making this same comparison, I said, "I believe farm prices will rise during 1943 but not so much as during 1942 or 1918, the comparable year of World War I." I was wrong. From December 1942 to December 1943 prices paid farmers in Pennsylvania rose 22 per cent as compared with 20 per cent the previous year and 16 per cent in 1918.

Figure 1—Prices of Farm Products in Pennsylvania During Two World Wars.
1910-14 = 100



The comparison with the previous war is less applicable than formerly because this war is lasting longer than the other one. The year 1944 corresponds with 1919, but in 1919 there was no longer active warfare. Whether or not the similarity that has been evident thus far will continue is questionable.

There are two primary forces in the present outlook for prices. The first is the prevailing high purchasing power available throughout the country as compared with the amount of goods available for sale. The present high rate of employment and the unprecedented incomes may not continue throughout the year, but even if there is some decline there will still be sufficient purchasing power to press upward on prices. The second force in the price outlook is the "hold the line" order. The intent of this order was to nullify the upward force of purchasing power on prices by means of price control. Therefore we have the irresistible force of high purchasing power smashing head-on into the seemingly immovable object of the "hold the line" order. The irresistible force is becoming greater month by month as wages increase and as unspent purchasing power accumulates. This force is continually pressing against the price of milk. Thus far the force has been retarded by subsidies paid to dealers, by other subsidies paid to butter and cheese manufacturers, by still another subsidy paid to producers, and by rationing as well as sales limitation.

It seems to me that present policies on milk prices and subsidy payments will continue unless Congress changes them or unless production becomes much less adequate than it has been thus far. I do not wish to hazard a guess about the actions of Congress. But I do believe there is practically no chance for milk prices to decline during the year, and a fair chance that milk prices will increase somewhat.

As for the prices, of all farm products, I believe they will be somewhat higher a year from now, but I do not expect them to rise as much as they did last year.

Figures published by the Federal-State Crop Reporting Service show that prices of dairy cows in Pennsylvania rose 28 per cent from December 1942 to December 1943. Since this was greater than the increase in most other prices, the purchasing power of the price of dairy cows rose during the year and is on a high level. If previous experience is a guide, the high level of cattle purchasing power will soon decline. The

high monthly average price of dairy cows during 1943 was \$158 per head in June. The December price was \$154 per head. We may have reached a peak in cow prices, but this is not a certainty.

Number of Cows

According to the U. S. Department of Agriculture the number of cows in Pennsylvania was higher in 1943 than in 1942 by 1 per cent. It is probable that the number of cows on farms in 1944 will be greater than in 1943 unless there is more than usual liquidation this spring. The increase will be small. The number of dairy cows has increased less during the war than the numbers of all other types of livestock, with the exception of sheep and horses. Numbers of hogs and poultry has increased far more than the numbers of dairy cows.

Milk Production

Total milk production in the United States in 1943 was 1 per cent less than the record production of 1942. In Pennsylvania the total milk production in 1943 is estimated to be 3 per cent less than it was in 1942.

In July the Federal-State Crop Reported Service began to estimate total milk production in Pennsylvania each month. Since July, total milk production each month has been less than production in the same months of 1942, Table 1. The decrease varied from 2 per cent in July to 8 per cent in October.

Table 1—Monthly Milk Production in Pennsylvania, July to December 1943.

Month	Total production (million pounds)	Per cent change from 1942
July	439	-2
August	428	-3
September	393	-5
October	364	-8
November	335	-4
December	353	-3

Source: Pennsylvania Federal-State Crop Reporting Service.

Milk production per cow on the first day of each month during 1943 was lower than production on the corresponding dates of 1942, with the exception of June. The decrease was greatest during October and November. It is hazardous to predict milk production per cow or total milk production. However, I question whether either will reach the levels of 1943 before grass. Production from May through the rest of the year will depend largely on price and feed conditions prevailing during that period. Present price policies combined with all the other difficulties that will confront dairymen in 1944 do not make me optimistic about milk production. I think you will do exceedingly well if you produce almost as much milk as you did in 1943.

A common statement occurring in recent milk production reports is that the number of dry cows has been unusually high. This fact in part explains recent low production. Why the large number of dry cows? Surely the processes of reproduction go on in spite of war. In fact evidence indicates that war has stimulated these processes in the human species. Under present controls the price paid producers for milk is more undesirable. However, it costs more to produce milk in the fall and winter than during spring and summer. Therefore it is necessary to pay more for milk in the fall and winter months to encourage enough dairymen to produce milk during that period. A flat price system, especially when coupled with a tight feed situation, will cause a shift from fall to spring milk production. I suggest that the unusually high percentage of dry cows last fall is evidence that this shift is already in progress. If it goes far the dairy industry sooner or later will be confronted with the problem of getting dairymen to shift to fall production. We may again see a basic-surplus plan or some other plan to rectify the damage done.

Feed

The concentrate feed problem continues to be unsatisfactory from the dairyman's point of view. Although most dairymen have been able to purchase feed, it often has

not been of the quality desired. Data on the concentrate feed situation published by the U.S. Department of Agriculture indicate there were less corn, oats and barley available in the fall of 1943 than a year earlier, Table 2. The Department of Agriculture expects that much more wheat will be fed this season than a year ago. The estimate of 14,400,000 tons of wheat to be fed to livestock during this season is 51 per cent more than was fed last season. This estimate is made in the face of a somewhat smaller total stock of wheat than was available last year. This amount of wheat is equivalent to 480,000,000 bushels, which is approximately 65 per cent of the average United States production. Whether or not this amount of wheat will be available for feed, or if available should be fed, is debatable. The following statement was carried in the New York Herald Tribune, January 16, 1944:

"Impending shortages of wheat may necessitate immediate curtailment or stoppage of allocation for livestock, Marvin Jones, War Food Administrator, told a Senate interstate commerce subcommittee today."

"Defending an Office of Defense Transportation order which would require allotment of 200 American railroad cars daily to import 40,000,000 bushels of wheat from Canada, Mr. Jones said Russia and military demands for grain are increasing and warned that delay in acquiring the Canadian supply would produce a 'tragedy unspeakable.'"

"There is danger of a shortage of wheat for milling purposes in this country," Mr. Jones advised.

"With the vast amount of livestock and poultry it would be a tragedy unspeakable if we get into a situation where later we just don't have the feed for our livestock."

Table 2—Supplies and Disappearance of Feed Concentrates and Numbers of Grain Consuming Animals, United States.

	1937-41 average	1942	1943	1943 in 1937-41 average	percent of 1942
	(00 tons)	(000 tons)	(000 tons)		
Corn*	85,423	102,691†	96,851‡	113	94
Oats*	20,855	25,752+	23,086+	111	90
Barley*	8,041	12,602+	10,902+	136	87
Grain sorghums**	2,158	3,003	2,994	139	100
Wheat fed***	3,524	9,540	14,400°	409	151
Rye fed***	533	764	1,120°	210	147
Millfeed by-products****	6,819	7,728	8,014	118	104
High protein concentrates*****	8,860	11,173	11,319	128	101
Total supply	136,414	173,253	168,686	124	97
Total domestic disappearance	114,686	156,214			
	(000)	of animal units			
Grain consuming animal units	132,596	158,928	175,000°	132	110
	(tons)	per animal unit			
Supply per animal unit	1.03	1.09	.96	93	88
Disappearance per animal unit	.86	.98			

*Production plus carry-over

**Production.

***Fed on farms of wheat growers plus government feed wheat.

****Production and net imports of wheat millfeeds plus production of screenings, beet and molasses pulp, and rice millfeeds.

*****Converted to oilmeal equivalent.

†Preliminary.

+Includes imports.

°Expected.

Source: Adapted from The Feed Situation. U.S. Department of Agriculture. November 1943.

In view of these statements and the current relatively poor outlook for the 1944 winter wheat crop, together with prospective needs for wheat in Europe, one might question the soundness of feeding so much wheat to livestock. The 1944 winter wheat crop, which will be harvested next summer, almost five years after the invasion of Poland and two and a half years after Pearl Harbor, will be the first during this war that was not limited in acreage by governmental action. In response to this freedom of action, United States farmers planted 25 per cent more acres in winter wheat last fall than in the fall of 1942. But, unfortunately, growing conditions have been less favorable than a year ago, and if future growing conditions are average it is estimated that no more winter wheat will be harvested this year than last.

Even when such a large volume of wheat is included as livestock feed, the total supply of all feed grains is estimated at 3 per cent less than last year. The number of livestock in early 1944 was estimated at 10 per cent more than last year. The combination of 3 per cent less feed and 10 per cent more livestock results in a supply per animal unit 12 per cent less than was available a year ago.

Thus far most dairymen have been able to obtain feed in the volume needed. No doubt there has been some liquidation of hogs and poultry, but not enough as yet to leave as much feed for the remaining livestock as there was last year.

In Pennsylvania, 1943 grain production was not good. The Federal-State Crop Reporting Service states that the corn crop was 10 per cent less than in 1942. Oats production was 43 per cent less, barley 33 per cent less, wheat 12 per cent less, rye 26 per cent less, and buckwheat 17 per cent more than corresponding total in 1942. The production of hay was 4 per cent greater than in 1942, but it was scarce in some areas and less than average quality in other areas.

A study of 162 Pennsylvania farms, made in October 1943 by W. E. Keepper of The Pennsylvania State College in cooperation with the U.S. Department of Agriculture, showed that the number of animals to be fed on these farms was 7.5 per cent larger than a year earlier and that the supply of home grown grains was 8.7 per cent less. If these farmers can purchase only as much feed this season as they bought a year ago they will have to reduce the rate of feeding 12.5 per cent in order to carry through the the livestock on hand in October 1943. Or if they wish to feed as heavily as last year they will have to reduce the number of livestock 12.5 per cent. If they wish to feed the increased numbers of livestock at the same rate as they fed last year, they will have to purchase 30.9 per cent more feed than they bought last year.

In view of the over-all shortage of feed it seems unlikely that Pennsylvania farmers will be able to buy much more feed than was bought last year. Therefore I expect some liquidation of livestock, particularly hogs and poultry, and a reduction of rates of feeding of all livestock. Even though supplies have been forthcoming thus far, the situation can become more critical before grass. The supply available next fall will depend on crops this year. If yields in 1944 are average or less, feed will be very short next fall and winter.

Other Production Items

Labor, machinery, equipment, fuel, transportation, fertilizers, seeds and perhaps other items will continue to be problems. However, it is likely that they will not be much worse or much better than they were in 1943. Each of them will be serious at certain times or in particular areas. At any rate, farmers have had one additional year of experience in solving these types of problems.

Summary of Outlook for 1944

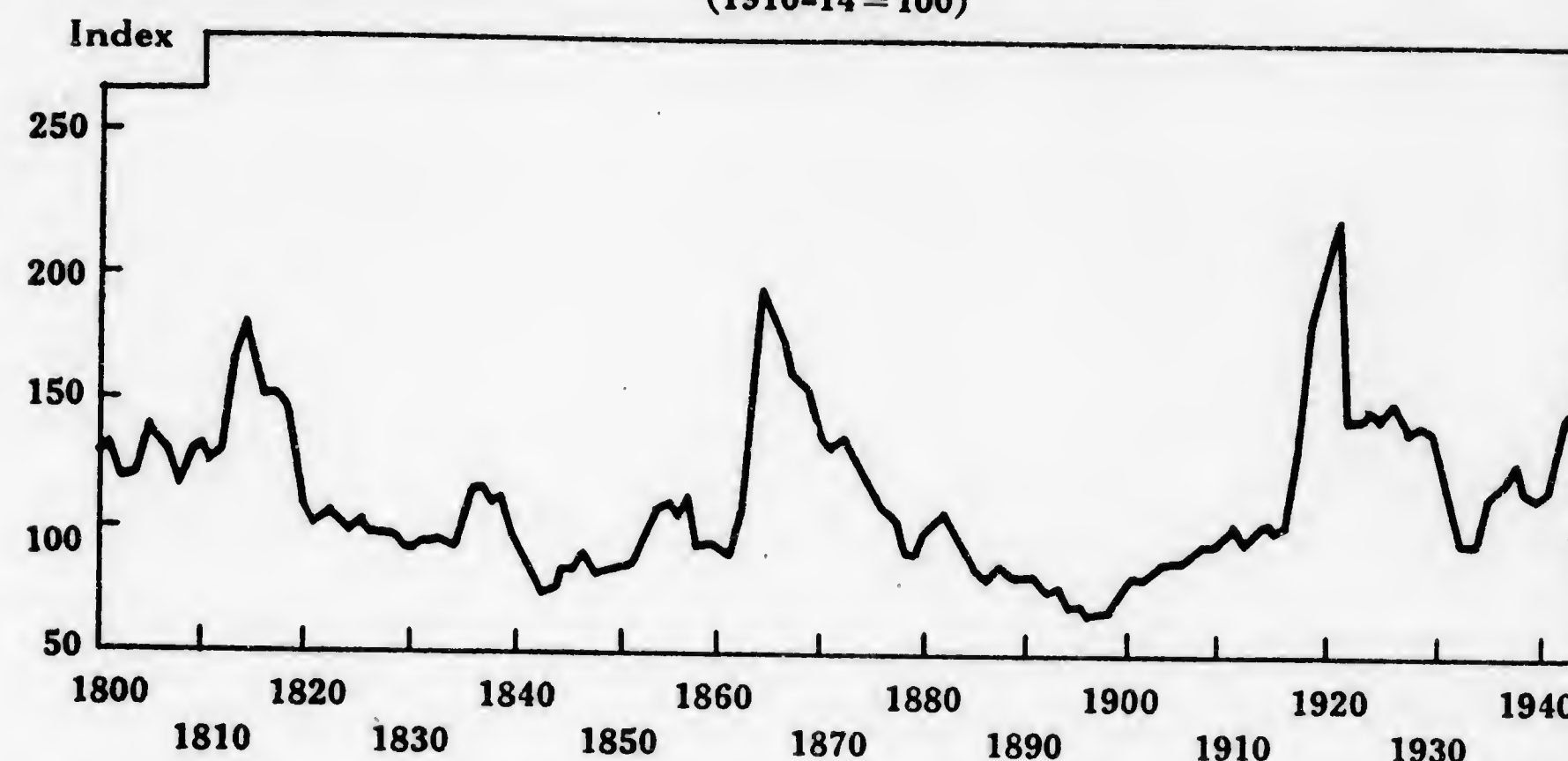
The outlook for the dairy industry in 1944 seems to me to be one that would not warrant either optimism or pessimism. On the whole, I believe there is some chance for milk prices to rise. Much will depend on the action of Congress. The demand for milk and other dairy products is not satisfied at present prices. I question whether milk production in Pennsylvania will be as great in 1944 as it was in 1943. Regardless of total production, I believe a larger than usual proportion will be produced in the flush months. Concentrate feed will no doubt be a real problem for the rest of this feeding season and may be a problem again next winter. Labor, machinery, equipment, fuel, transportation, fertilizers and seeds will present problems to some dairymen. All in all, there will be many difficulties for dairymen to meet if they are to produce as much milk

as in 1943. Even so, the milk is greatly needed, and I am sure dairymen will exert every effort to produce as much as circumstances permit. In so doing they will be able to make some money.

A Longer Term View

I think it is well for an organization such as yours to stop to inquire about post-war problems that may confront your industry. I have no plan or program to offer. I merely wish to call your attention to some problems that may appear and ask that you consider all possibilities before deciding on a program of action.

Figure 2—Wholesale Prices in the United States, 1800-1943
(1910-14 = 100)



Prices rose during every previous major war fought by the United States, Figure 2. After each of these wars prices fell. Most of you lived through the World War period and the price declines in 1920-21 and 1929-32. Those were not easy times. I am not predicting that prices will fall after this war—but they may. It is not reasonable to expect that we can shift back to peacetime production without some serious repercussions somewhere.

Whether or not prices are maintained depends to a considerable extent on the maintenance of industrial production. This problem is largely outside the field of agriculture, but agriculture has a vital interest in it.

If prices do decline it is certain that commodity prices will decline more than wage rates and more than the costs of producing farm products. In 1920-21 and in 1929-32 wage rates fell less than prices received by farmers. The results were high costs of things farmers bought and high costs of production in relation to prices of farm products. Such a condition is disadvantageous to farmers. At the time there appeared to be over-production of farm products even though output was little different from what it had been before prices fell.

Not only were prices low as compared with costs of production after these price declines but prices were low as compared with costs of marketing farm products. Such a relationship made it appear as though marketing was a more serious problem than it actually was.

As I stated earlier, I am not predicting a price decline after this war, but there is a considerable chance that there will be a decline. If so, what are some of the things that can be done to minimize the resulting adverse effects on agriculture?

My thinking leads me to believe that there are at least three levels at which this problem can be attacked. They are the farmer as an individual; farmers' organizations, cooperative and otherwise; and government.

The farmer can do several things to protect his own position after the war. First, he can improve the efficiency of his farm unit so as to produce at as low a cost as possible

This can be done by continued improvement of livestock, which this organization is sponsoring; building up soil fertility; improving varieties of crops; and, above all, improving labor efficiency on the farm. If wage rates remain high after this war, labor efficiency on the farm will be a more vital factor than ever. Second, he can reduce his indebtedness as much as possible. Debts are a big problem in periods of price decline. A corollary to getting out of debt is to be conservative about going into debt now, especially for long term capital items. Third, he can build up reserves in bonds. Most investments of farmers are in real estate, livestock and equipment, which are good hedges against price increases, and relatively few of their investments are in bonds, mortgages and other fixed dollar securities, which are good hedges against price declines. In so far as funds are available now, they can be set aside in bonds. Fourth, if marketing costs are high after the war some farmers can obtain these high costs for themselves by doing as much marketing as possible. Pennsylvania is well suited for much direct marketing by farmers, and this type of marketing can be expanded further by some farmers.

Farm organizations are doing many things that will help farmers meet post-war problems, but in spite of their work there is much more to do. They can continue their programs which stimulate and assist farmers to improve efficiency on the farm. They can sponsor adequate discussion of farm problems among their members and others. I can wish to emphasize this point. In a democratic society it is fundamental that the judgment of the rank and file must be accepted. Not only must their judgment be accepted but I believe, if properly informed, their judgment more likely than not will be correct. Therefore it behooves farm organizations to see to it that their constituents are properly informed. If prices decline after this war there will be a great number of suggested governmental programs. I hope that farmers, through their organizations, will consider all the problems and come to their own conclusions about government programs. I hope that throughout such discussion farmers will give primary consideration to what the suggested programs will do all of us in the long run rather than what they will do to individuals or groups in the short run. I hope also that agricultural thinking will be consistent so that we do not ask for a particular type of program at one time and refuse it at another. If farmers, after due consideration, want the state or federal government to institute programs, then farmers should make their wants known. Farmers' organizations also have an opportunity to present the point of view of agriculture, together with agriculture's problems, to the rest of society. We need more of this.

Cooperative organizations in particular will be challenged if prices decline. They will have an excellent opportunity to demonstrate that they are the pace setters by showing that costs can be reduced or services improved. After the last war many cooperatives were organized on the principle that through cooperative action monopoly could be established so that farmers could receive any price they wished. I hope it is not necessary to prove again that such a program is impossible of achievement. If costs remain high I believe there will be considerable opportunity for efficient cooperatives to assume more of the functions involved in providing farmers with their supplies or in marketing farm products. Not only can they serve a larger portion of the farmers of the State, but also the supply cooperatives can go further into manufacturing and processing supplies for farmers, and marketing cooperatives can carry their members' products closer and closer to the consumer.

Finally, there is government. As I have said, I hope farmers will consider this problem fully. At present government in agriculture is unpopular. It was only a few years ago that it was much more popular. Did farmers jeopardize their present and future freedom of action by their demands for government programs during the last depression? If so, it would be well to remember it. Personally I believe there is an area in agriculture for government programs, but at the same time it seems preferable that this area be as small as possible. Farmers as individuals and though their organizations should attempt to solve as many agricultural problems as feasible. If agriculture through its farmers, farm organizations, cooperatives and educational institutions is not willing or able to solve its problems, but rather pleads with the government to do it, then we shall deserve what I believe we shall get—namely, a larger and better financed bevy of governmental agencies than we have had in the past. And if we ask for government action we shall be in a poor position to criticize the programs we find thrust upon us, even though they are not what we wanted. Few governmental agricultural programs ever turned out to be exactly what farmers wanted. There is little reason to believe they will be in the future.

The Pennsylvania Dairymen's Association Dairy Herd Honor Roll 1943

1847 herds in Pennsylvania Dairy Herd Improvement Associations in 1943 each received a ribbon in various classes divided as follows: 826 herds producing from 300 to 350 pounds butterfat received a red ribbon; 667 herds producing from 350 to 400 pounds butterfat received a blue ribbon; 350 herds producing over 400 pounds butterfat received a purple ribbon.

A complete list with the production of each of these herds follows.

Compiled by I. O. SIDELMANN

ADAMS COUNTY

Adams County D. H. I. A., Year Ending June 30, 1943

Miss Teresa A. Murren, Tester, Hanover #4, Pa.

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
B. J. Griffie.....	York Springs #1....	11.75	RH:GrJ	10,603	406.6
Norman J. King.....	York Springs #1	21.16	R:GrG	7,879	380.9
Joseph A. Stoner.....	East Berlin #2	16.85	GrH:Mix	8,088	327.0
Edgar W. Weaner.....	Gettysburg #4	32.66	RH:GrG	9,206	320.7
W. Clayton Jester.....	Biglerville	19.72	R:GrG	6,743	303.6
H. M. Cater.....	Gettysburg #2	26.71	RH:RJ	8,342	300.3
Edgar H. Leer.....	York Springs #1	33.46	RH	8,627	300.2

ALLEGHENY COUNTY

Allegheny County D. H. I. A., Year Ending June 30, 1943

Alfred Shingledecker, Tester, Imperial, Pa.

✓ Fairacres Farm.....	Sewickley, Pa.	6.51	RG	10,680	471.0
✓ Dundee Farm.....	Sewickley	7.82	RG	9,224	447.4
Woodville St. Hospital*....	Woodville	120.35	RH	12,229	428.9
John Bamford.....	Midway	21.48	RJ	8,235	425.7
J. H. Wilson & Sons.....	R.D. #1, Clinton	17.93	RH	12,170	415.7
G. A. McWreath.....	McDonald	19.39	RH	11,825	400.1
Albert B. Craig.....	Imperial	20.34	RH	10,695	385.6
Allegheny Co. Workhouse.....	Blawnox	58.30	RH:GrJ	7,950	380.4
Wm. A. Smith.....	Pittsburgh	9.34	RJ	6,778	373.2
H. A. Berry.....	Imperial	20.31	R:GrJ	7,645	371.6
E. N. Stoner.....	Wilksburg	21.74	Mixed	9,695	364.5
Joseph W. Cain.....	Bulger	21.55	R:GrJ	7,653	360.6
Marbilmont Farm.....	Wexford	13.37	RH	10,732	360.4
Sunny Slope Farm.....	Coropolis	15.72	R:GrG	7,623	351.2
Robert K. Reiter.....	Turtle Creek	18.56	R:GrH	9,280	349.2
Circle E. Farms.....	Clinton	9.64	RA	8,166	333.7
George W. Herriot Est.....	R.D. #1, McDonald	13.36	R:GrG	7,572	326.9
Frank Bonetti.....	R.D. #1, McDonald	28.61	R:GrH	8,353	320.8
Charles W. Scott.....	Oakdale	13.02	RH	9,328	308.9

*Milked three times daily.

ARMSTRONG COUNTY

Armstrong D. H. I. A., Year Ending July 31, 1943

Eugene Little, Tester, c/o Co. Agents Office, Kittanning, Penna.

Koenig Brothers*.....	Tarentum, R. 1	13.69	RH	12,696	518.8
M. O. Henry.....	Climax, Pa.	20.71	R:GrG	8,530	435.0
H. F. McIntyre.....	Dayton, R. 3	18.55	R:GrJ	8,210	426.1
McCullough Farms.....	Kittanning, R. 1	36.02	RH	11,171	394.4
John M. Reed.....	Kittanning, R. 3	35.52	RG	7,764	389.0
Armstrong Co. Home.....	Kittanning, R. 5	14.20	RH	10,897	387.8
Paul Shoemaker.....	New Bethlehem, R. 5	11.72	GrG	7,312	377.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
H. S. Hogg.....	Worthington, R. 2	17.88	R:GrG	8,220	372.3
Clark H. Claypool.....	Worthington, R. 2	25.89	R:GrH	9,782	368.1
Karl Shoemaker.....	New Bethlehem, R. 5	12.41	GrG	6,887	361.6
Glenn E. VanDyke.....	Freeport, R. 1	15.68	R:GrH	9,320	358.7
Roy Anderson.....	Dayton, R. 3	8.34	RG	7,009	352.4
J. M. Patterson.....	Apollo, Star Route	13.01	GrG:H	8,848	349.3
C. B. McNees.....	Cowansville, R. 1	18.72	RG	6,846	348.2
J. F. Shaffer.....	Kittanning, R. 3	19.95	RG	6,757	339.1
Russell L. Barrett.....	Dayton, R. 1	12.42	RH:GrG	7,720	332.8
Virtue C. Townsend.....	Avonmore, R. 1	13.23	Mixed	6,961	330.3
Frank Bowser.....	Worthington, R. 2	22.40	RH	9,811	325.1
Floyd A. Foster.....	Worthington, R. 3	21.02	GrH:GrG	8,209	314.0
H. C. Lewis.....	Kaylor, Pa.	49.37	P:GrH:GrG	7,948	313.2

*Part of herd milked three times daily.

BEDFORD COUNTY

Bedford D. H. I. A., Year Ending Nov. 30, 1943

Clair E. Ritchey, Hopewell, Pa.; Palmer E. Pittman, Clearville, Pa.; Testers

Bernard Foreman.....	Everett, Rd. 1	7.70	R:GrH	13,107	528.4
Galen Furry.....	Enterprise	21.92	R:GrG	8,628	454.3
Paul W. Koontz.....	Bedford, Rd. 2	20.47	RJ	7,590	420.9
Norbert Gritmaker.....	Bedford, Rd. 4	10.06	RH:RG	10,321	414.8
Livengood Bros.....	Bedford, Rd. 4	14.64	GrH:RG	10,580	412.5
Max Diehl.....	Bedford, Rd. 4	13.79	RH:RG	10,464	412.4
Wilbur J. Little.....	New Enterprise	25.33	R:GrJ	7,269	405.5
Chas. A. Koontz.....	Bedford, Rd. 4	22.56	RJ:GrJ	7,934	396.2
A. L. O'Brien.....	Manns Choice	24.81	RJ:GrJ	7,313	383.4
Kenneth A. Diehl.....	Bedford, Rd. 4	12.62	RG:RH	9,316	379.7
Ray Koontz.....	Bedford, Rd. 4	15.49	R:GrJ	7,222	379.0
Stanley A. Koontz.....	Bedford, Rd. 4	30.13	RJ	6,733	366.8
Arthur Woy.....	Everett, Rd. 2	16.70	GrG:RG	7,803	359.5
Robert Cessna.....	Bedford, Rd. 4	59.47	R:GrJ	7,274	358.7
D. Luke Bowser.....	New Enterprise	20.79	P:GrH:G	8,274	357.9
Mrs. Francis Baker.....	Everett	22.33	Gr:RJ	6,885	357.8
Jason Barkman.....	Crystal Springs	9.92	GrG:J	7,252	356.9
S. L. Cessna & Son.....	Bedford, Rd. 4	16.47	RH	9,816	355.4
Ross T. Snider.....	New Enterprise	26.89	R:GrG:H	7,407	352.4
M. R. Llewellyn.....	Midland, Md.	25.60	R:GrH	9,629	349.7
Street & Oster.....	Bedford, Rd. 3	21.93	R:GrG	6,774	340.4
Earl Jackson.....	Crystal Springs	9.75	GG	6,348	333.0
J. Paul Stein.....	Everett	30.48	RJ	6,342	326.7
Harry Markey.....	Loysburg	11.05	RG	7,557	325.7
McKinley Woy.....	Everett, Rd. 2	16.26	R:GrG	6,995	320.1
Bedford Co. Alms House.....	Bedford	14.42	Gr:RH	9,039	317.7
John Harclerode.....	Bedford, Rd. 2	21.35	R:GrJ	5,966	312.5
Wm. W. Cessna.....	Bedford, Rd. 4	12.88	GrJ:RA	6,317	309.8
Mrs. Irene Valentine.....	Siebert, Md.	19.25	GrG:H	6,784	306.1
Willis O. Detwiler.....	Woodbury	15.92	GrG	5,935	304.9

BERKS COUNTY

Berks County D. H. I. A., Year Ending August 31, 1943

Ellsworth Handrich, Reading, Pa.; Alice Heisey, Reading, Pa.; Testers

Lewis Duerr*.....	Bernville, R.D.	16.44	RH	13,768	469.7
Riveredge Farm*.....	Reading, R.D.	38.81	RG	9,703	467.7
Paul A. Degler.....	Sinking Spring, R.D.	19.79	RH	14,447	454.0
Lee Gundy.....	Mohnton, R.D.	10.65	RG	8,405	406.8
Charles Ritzman.....	Sinking Spring	23.94	RH	11,219	399.6
Flying Hill Farm*.....	Reading, R. #1	53.32	RG	8,514	397.9
Miles D. Hollenbach.....	Shartlesville	9.26	RG	7,448	389.0
W. H. Dreibelbis & Sons.....	Shoemakersville	31.64	RG	7,779	378.8

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
L. G. Schaum.....	Womelsdorf	6.14	RH	10,740	352.2
Paul R. Anthony.....	Strausstown	52.79	R:GrH	9,406	348.9
Bethany Orphans Home.....	Womelsdorf	27.84	R:GrH	10,238	347.2
E. H. Gebhart.....	Mohnton, R. #2	10.80	GrH:GrG	9,267	342.0
Paul Hollenbach.....	Bethel	7.83	R:GrG	6,977	338.6
John B. Grubb.....	Bechtelsville	19.81	R:GrG	7,027	337.6
Belle Alto Farm.....	Wernersville	132.72	R:GrG	6,763	324.7
Charles Riegel.....	Sinking Spring	36.62	R:GrH	9,998	322.6
Robert Dieseman.....	Strausstown	5.69	RH:GrH	8,788	319.5
Wernersville State Hosp.*.....	Wernersville	89.67	GH	9,712	316.4
Zenas Balthaser.....	Sinking Spring	18.60	GrH	9,434	316.4
S. F. & James Musser.....	Mohnton, R. #1	13.97	RG	6,088	301.9

BLAIR COUNTY

Blair D. H. I. A., Year Ending May 31, 1943

Wm. Trimer & Donald S. Sollenberger, Testers, Hollidaysburg

D. A. Morrow.....	Tyrone, R.D.	14.39	RG	10,147	501.6
Emory Sollenberger.....	Williamsburg, R.D.	11.25	RH	12,077	437.3
J. W. Burket & Son.....	Tyrone, R.D.	14.16	R:GrG	8,763	424.1
Albert Smith.....	Hollidaysburg	19.41	R:GrG	9,146	419.8
Foster Crawford.....	Tyrone, R.D. #1	13.08	R:GrG:GrH	9,501	395.0
J. Edgar Black.....	Altoona, R.D. #3	14.75	GrG:GrH	8,881	391.7
Kenneth Crawford.....	Tyrone, R.D. #1	12.39	R:GrH	10,550	383.1
M. C. Bagshaw & Son.....	Hollidaysburg	10.08	R:BrSw	8,803	378.7
L. K. Sollenberger.....	Curryville	23.21	R:GrG	8,068	375.2
G. Clair Smith.....	Martinsburg, R.D.	19.74	R:GrH	10,200	370.5
John S. Metzker.....	Martinsburg, R.D.	23.29	RH	9,384	341.8
Hiram Brubaker.....	Williamsburg, R.D.	11.38	GrG:Mix.	7,809	339.8
W. H. Pease & Son.....	Tyrone, R.D.	21.33	R:GrG	7,131	330.9
K. S. Bagshaw.....	Hollidaysburg	12.73	R:BrSw	8,789	325.2
M. D. Patterson.....	Williamsburg	28.34	R:GrG	6,454	315.1
Preston C. Smith.....	Martinsburg	13.79	R:GrH	8,090	311.5
Hollidaysburg State Hosp.....	Hollidaysburg	24.36	GrH	8,777	301.9

*Milked three times daily.

BRADFORD COUNTY

Canton D. H. I. A., Year Ending July 31, 1943

Miss Gertrude Curley, Tester, Wyalusing, Pa.

Clifford Landon.....	Canton	7.56	RH	13,024	464.6
Elwin Baldwin.....	Canton	18.14	RH	12,455	445.5
H. S. Wilcox & Son.....	Canton	18.04	RG	9,056	442.2
T. M. Watts.....	Canton	22.70	RH	12,359	422.3
W. L. Packard & Son.....	Granv. Summit	17.17	RGJ	8,249	416.8
Mrs. Neva Fleming & Son.....	Granv. Summit	21.76	RG	7,897	401.5
P. L. Isaacs.....	Canton	21.02	RH	11,050	396.1
John A. Swingle.....	Canton	18.08	RGJ:GH	7,843	376.6
M. L. Rockwell.....	Canton	13.09	GH:GJ	8,279	369.7
Emmor Pepper.....	Granv. Summit	16.97	RH	10,867	367.9
Clarence Spencer.....	Canton	19.71	GH	10,388	364.4
R. H. Fleming, Estate.....	Troy	18.26	RH	9,810	358.6
John L. Brackman.....	Canton	24.87	R:GG	7,610	353.3
T. A. Dodge, & Son.....	Monroeton	16.21	R:PJ	6,440	342.8
Herman Crandall & Son.....	Monroeton	15.17	R:GJ	6,599	332.9
W. R. Wright.....	Canton	37.14	RG	6,862	330.6
J. D. Becker.....	Canton	13.18	R:GH	9,326	327.5
Harold Wright & Son.....	Canton	14.71	GH	8,257	311.7
Roy Sherman.....	Troy	9.04	GJ:Mix.	6,732	308.4

Laurel Hill D. H. I. A., Year Ending July 31, 1943
Raymond J. Hall, Tester, Court House, Towanda, Pa

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Gillette & Robinson	Ulster	20.70	R:Gb	11,724	424.0
Royal D. Slater	Towanda	15.84	R:Gh	10,902	412.4
Frank W. Gorham	Wysox	21.28	RH	11,035	396.6
A. E. Madigan	Towanda	19.47	RH	9,917	381.2
George W. Canfield	Stevensville	23.41	RH	11,489	373.9
L. A. Coolbaugh	LeRaysville	18.39	RGH:Mix.	8,958	365.8
Leland R. Palmer	Ulster	17.75	RH	9,527	361.6
Howel Powell & Son	Stevensville	15.96	R:GH	9,877	359.7
H. W. Russell	Orwell	19.56	R:GH	9,326	357.4
George Coleman	Stevensville	13.03	GG:GH	8,511	354.0
Thomas J. Coolbaugh	Towanda	14.30	Mixed	8,883	352.6
W. A. Cranmer	Monroeton	11.24	R:GH	8,919	346.0
George Davis	LeRaysville	41.10	GG:GH	7,717	342.8
M. Leon Prince	Cadis	21.09	R:GG	8,452	340.4
Leland Kipp	New Albany	28.02	RH	9,650	335.1
Geo. M. Jones	Little Meadows	16.21	GG:GH	7,186	333.3
B. Merle Allyn	Warren Center	30.45	GG	7,458	331.3
G. H. Pettes & Son	Rome	17.81	GG:GH	8,410	323.5
R. C. Hammond	Rome	13.39	R:GH	8,677	319.6
Olyn Johnson	LeRaysville	25.97	RH	9,128	313.8
Ray Perry	Ulster	24.67	R:GAyr	7,287	312.1
John Edsell	Stevensville	27.74	RGH:GG	7,970	300.0

Ulster D. H. I. A., Year Ending July 31, 1943
Ray Arnold, Tester, Rd. 2, Towanda, Pa.

Gus S. von Wolfradt	Athens, Rd. 2	19.18	RJ	8,119	437.2
Charles S. Chaffee	Ulster	29.93	RH	10,728	423.0
L. A. Harris	Milan	15.16	RJ	6,509	420.8
James Pruyne	Milan	30.30	R:GH	10,705	400.0
Elery Beach & Son	Col. X Roads	13.24	RH	10,742	399.4
H. J. Layman	Ulster	20.53	RGH:RGJ	9,050	395.2
M. R. & A. B. Humpton	Milan	13.57	RJ	7,034	392.4
Alvin O. Huff	Milan	12.73	RJ	6,781	392.1
G. I. Kingsley	Milan	12.20	P:GH	9,886	381.0
C. J. Bresee	Ulster	18.52	RJ	7,196	375.2
Francis Horton	Ulster	14.50	RJ	7,025	374.0
Ray Arnold	Milan	34.21	RGH	9,606	360.8
Damon R. Young	Milan	13.02	RJ	6,400	354.0
Clarence Beach	Col. X. Roads	17.24	RH	9,601	338.6
H. C. Shores & Son	Milan	31.35	RGH:RJ	8,274	331.9
I. P. Chaffee	Towanda, Rd. 5	24.07	RJ	6,048	330.0
I. M. Macafee	Milan	30.50	RH	9,000	321.2
M. G. Pipher & Son	Towanda	24.04	RGH:Mix.	7,209	308.7

Troy D. H. I. A., Year Ending July 31, 1943
Kenneth Stackhouse, Tester, Troy, Pa.

W. I. Pierce	Col. X. Roads	21.38	RH	12,364	433.1
Solomon Peters	Troy	11.49	RH	12,403	425.3
Ben Ballard	Troy	21.53	RH	11,326	409.9
Mrs. Nina R. Calkins & Son	Troy	22.73	RH	11,049	400.9
Clarence Allen	Granv. Summit	16.08	RGH	10,150	389.6
Geo. & Mark Scott	Troy	30.12	RGH	10,809	387.9
Wallace Burnham	Troy	20.30	RH	10,379	386.9
Clyde Mattocks	Troy	18.11	RH	11,270	380.3
J. M. Rockwell & Son	Troy	21.11	GH:Mix.	10,632	373.8
Hosea Wolfe	Col. X. Roads	14.07	RH	10,076	371.0
Orton Mattocks	Troy	19.39	GH:GG	9,637	371.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Max Van Veghten	Col. X. Roads	15.84	RG	7,253	369.4
J. P. Storch & Son	Troy	18.84	RH	10,614	364.0
John Harkness*	Col. X. Roads	16.00	Mix.	8,775	361.3
Caleb C. Greenough	Troy	19.14	GH	9,499	355.2
Frank Cole & Sons	Troy	21.40	PGG	7,428	350.0
Mrs. Lovina Putnam & Son	Troy	11.89	RGG	7,354	347.7
P. M. Pratt & Son	Troy	15.00	GH	9,607	338.9
Ward Kittle	Troy	15.24	RGG:GJ	6,997	332.3
Wm. Harding & Son	Gillett	19.64	Mix.	6,762	327.0
Mrs. Sylvia L. Poeltl	Troy	25.34	RJ	6,287	324.4
Howard Van Noy	Troy	14.88	RGH	7,823	319.5
Roy Stuckless	Snedekerville	24.57	RGG:GH	7,228	318.4
Merle Smith	Gillett	19.58	PJ	5,894	305.7

*Record made in 9 months.

Wyalusing D. H. I. A., Year Ending July 31, 1943
Julius Rosengrant, Tester, c/o County Agent, Towanda, Pa.

Ralph Culver*	Laceyville	28.39	R:GH	12,201	427.6
George Kerrick	Towanda	28.56	RH	11,331	423.2
O. L. Fish	Wyalusing	16.87	RGH:GG	10,540	419.1
Fisher Welles	Wyalusing	22.76	RGH	11,160	408.0
Earl A. Browning	Wyalusing	29.65	RH	11,702	407.3
M. V. Bennett	Laceyville	23.22	RJ	7,372	401.5
Samuel Culver	Laceyville	19.71	RH	11,031	396.8
E. M. Miller	Towanda	16.64	RH	9,794	384.2
P. C. Maryott**	Wysox	17.82	RH	10,351	380.2
John H. Howard	Wyalusing	29.91	RH	10,112	368.4
G. H. Turrell	Sugar Run	12.39	RGH	8,916	350.0
F. E. Shaffer	Wyalusing	31.55	RGH:GG	8,839	340.7
Welbec Farm	Wyalusing	45.10	RG	7,066	339.8
Roy L. Blocher	Wyalusing	19.24	RGH	9,349	331.0
Taylor McCarty	Sugar Run	20.11	RGH	8,382	320.9
Don Gidney	Wysox	8.93	PGH	8,441	318.9
Gerald Shumway***	Wyalusing	30.12	RH	8,921	313.7
L. L. Allis****	Rummerfield	24.89	RH	9,062	312.3
W. B. Kennedy, Estate	Wyalusing	30.97	RH	8,762	310.4
Ralph Kerrick*****	Towanda	14.57	RH	7,812	300.0

*Herd milked three times daily for 6 mos.

**Record made in 10 mos.

***Record made in 11 mos.

****Herd milked three times daily for 3 mos.

*****Record made in 7 mos.

BUCKS COUNTY

Bucks D. H. I. A., Year Ending February 28, 1943

Russell Pitt, Stanley Stauffer, W. Weierman, Earl Baum, Eugene Hite, William Campbell, Theodore Westburg; Testers; Doylestown, Pa.

Geo. Hunsberger*	Plumsteadville	12.23	RH	14,244	526.4
Philip W. Smith	New Hope	36.66	RG	9,759	498.1
E. F. Stewart	Colmar	15.67	RG	9,721	494.6
A. D. Thayer	Gwynedd Valley	63.73	RG	9,280	466.0
Philip J. Baur	Spring House	45.59	RG	9,601	461.1
Dr. Geo. Kuesel	Wycombe	23.44	R:GG	8,870	450.0
Mrs. Bertha Ulrich	Perkasie	30.07	RJ:Mix.	8,600	442.0
School of Horticulture	Ambler	14.84	RG	8,656	442.0
Joseph W. Hallowell	Ivyland	25.85	RH	11,854	439.5
C. H. Smith & Son	Wycombe	31.42	RG	8,686	432.1
A. H. Bamforth	Hartsville	16.39	R:GG	8,892	423.1
F. B. Williamson, Jr.	New Hope	18.38	RG	8,493	413.3

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Amos Bryan**	Perkasie	32.71	RG	8,250	413.0
Trustees of U. of P.*	Philadelphia	53.44	RG	7,982	410.5
Dr. F. M. Garver	Ivyland	24.65	RG	8,490	406.7
T. H. Kleinhoff	Doylestown	14.55	RG	8,091	406.4
Homer Wentz	Quakertown, #2	17.41	R:GH	11,570	404.5
Alvin Worthington	Newtown	26.60	R:GG	7,809	404.4
Earl Whitman	Wrightstown	18.03	R:GG:GJ	8,508	402.3
Edward Satterthwaite	Newtown	24.02	RH	11,847	401.5
Greenwood Farm	Hulmeville	48.41	RH:GH	11,127	400.0
Isaac Gross	Plumsteadville	21.88	R.H.	11,593	399.3
B. F. Mullins	Pineville	20.91	R:GH	10,982	398.9
Marion Harper**	Newtown	17.17	RH	11,019	398.3
Walter Craig***	Dublin	16.35	RG	7,687	393.1
Hickman Powell	Erwinna	9.39	RJ	7,768	392.9
Williams and Harley	New Hope	24.07	R:GG	7,927	391.6
W. C. Clark	Lahaska	29.90	RG	7,686	390.9
H. Welcome Detweiler	Perkasie	22.34	RH	11,945	389.4
J. S. & M. R. Briggs	Yardley	26.90	RG	8,084	388.2
George School Farms	George School	28.15	RH	11,024	386.5
J. Howard Cliffe	Ivyland	28.11	RG	7,588	386.1
Samuel H. Tendler****	Chestnut Hill	18.28	RG	7,682	383.4
Antonin Raymond	New Hope	26.52	RJ	7,621	382.2
Willard W. Wright	Yardley	23.13	RH	11,188	381.8
Neshaminy Farms	Newtown	91.86	RA	8,814	381.2
William F. Fretz*	Pipersville	64.79	RG	7,460	380.3
E. H. Taylor	Chalfont	19.07	R:GJ	6,698	379.6
Miss A. G. Senior*****	Tinicum	21.89	RJ	7,259	377.3
Milton Satterthwaite	Woodside	16.28	RH	10,822	374.5
J. P. Cole*****	Richboro	54.79	RA	9,159	373.8
Arthur Kinney	Holicong	42.81	R:GG	7,484	369.1
Charles Wilkinson	Rushland	33.25	RH	10,339	368.8
Wilmer A. Twining	Wycombe	11.79	RH:Mix.	9,204	368.7
William Penrose, Jr.	Neshaminy	15.53	R:GG	7,596	367.0
W. H. Tyson	Perkasie	10.22	RH	10,709	366.4
Chadick Farm	Line Lexington	26.64	RG	7,506	365.6
Phila. State Hosp.	Byberry	72.39	GH:GG	10,220	363.8
Mrs. C. S. Jones	Washington Crossing	15.07	R:GH	10,405	362.2
John L. Stover	Ivyland	16.90	R:GH	9,709	357.4
I. R. & Frank Magill	Doylestown	25.44	R:GG	6,800	351.6
Wm. H. Lewis	Perkasie	10.25	R:GrSw:Mix.	8,045	350.0
H. C. Wilson	Richboro	42.03	R:GrH:GrG	8,612	346.9
John J. Fox	Ivyland	29.13	R:GG	7,199	346.9
A. S. Mumbauer	Quakertown, R.D.	12.02	RA	8,413	340.2
D. Robert Kisner	New Hope	18.11	R:GH:R:GJ	7,790	338.7
Eugene Stapler & Son	Yardley	25.50	RH	10,374	338.5
Mrs. Minnie Moyer	Quakertown	17.68	R:GH:Mix.	8,457	337.4
Max Fry	Ottsville	36.16	RJ	6,380	336.5
John C. Myers	Doylestown	24.72	R:GrJ	6,175	334.0
W. Pflueger	Perkasie, #1	13.24	R:Br:Sw	8,001	333.7
M. C. Gutman	Newtown	15.55	R:GrG	7,199	332.1
R. H. Anderson	Doylestown	16.47	RJ	6,878	332.1
Clarence S. Lear	Gardenville	37.70	R:GrJ	6,441	329.1
Alonzo Worthington	Doylestown, #1	14.01	R:GrH	9,687	328.9
Michael Rapuano	Newtown	23.19	RA	8,107	326.9
James Iden Smith	New Hope	25.46	R:GrG	6,712	326.1
Homer A. Tomlinson	Newtown	24.50	RJ	6,703	323.8
Z. Papciak	Quakertown, #1	25.19	R:GG:R:GH	7,192	322.7
Mrs. Gladstone Fessenden	Buckingham Valley	14.51	R:GG	6,436	317.0
D. W. Whitehead	New Hope	17.19	R:GG:RA	7,094	315.9
M. Hubert Walton	New Hope	15.59	R:GG	5,971	315.4
L. O. Kunkle	Newtown, #1	30.07	Mixed	7,738	314.3
I. Edgar Fulmor	Langhorne	33.74	R:GH:Mix.	9,105	312.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Partridge Hall Farm	Lahaska	26.59	R:GG	6,434	308.8
Greenwood Dairies	Langhorne	12.95	RJ	5,744	305.3
Henry Bauman	Quakertown	19.91	R:GrA	7,706	305.1
Clyde C. Leaver	Mechanicsville	20.78	RG	6,227	303.1
*Part of herd milked three times daily.					
**Part of herd milked three times daily for 5 mos.					
***Herd milked three times daily.					
****Herd milked four times daily.					
*****Part of herd milked three times daily for 4 mos.					
*****Part of herd milked three times daily for 2 mos.					

BUTLER COUNTY

Butler County D. H. I. A., Year Ending June 30, 1943

John Breneman, Southern Section; Merle Fisher, Central Section; Henry Sanderson, Northern Section; Testers; Community Bldg., c/o Agents Office, Butler, Penna.

O. R. Olson	Portersville, R.D. 1	34.38	RJ	8,584	464.9
C. R. Hartzell	Butler 6	17.26	RG	8,621	441.6
John L. Schiever	Harmony 1	29.77	RJ:GH	8,714	403.7
Ira L. Cleland	Harmony 1	29.54	RJ	7,633	396.5
E. P. Gifford	Evans City 2	16.41	GH:PH	11,699	394.3
T. M. Hughes	Natrona Heights	35.94	R:GH	11,071	387.2
Paul Blair	Butler 6	11.76	RG	7,178	380.4
Thiele Brothers	Cabot 1	13.40	R:GH	10,398	374.2
Clyde Pepper	Portersville 1	7.72	RG	8,020	368.6
C. F. Edgar & Son	Renfrew 1	11.43	RG	7,627	368.1
Hugh Fergus	Slippery Rock	38.63	GG:GJ	7,718	367.7
Clyde Moore	Slippery Rock 2	15.35	R:GG	7,248	359.0
Frank W. Scott	Butler 5	20.88	GH	10,612	358.5
Simpson Brothers	Butler 4	21.25	GH:RH	9,911	350.7
D. L. Hartzell	Butler 6	12.50	RH:GH	1,446	350.5
A. J. Owen	Harrisville	9.36	GJ:GG	6,910	345.6
Ross Fleeger	Butler 5	16.22	R:GH	8,828	343.3
J. M. Brewer & Son	Saxonburg 1	14.72	GH	8,824	338.5
Dr. E. S. Montgomery	Cabot 1	12.18	RH:RA:RG	8,920	338.2
Harper F. Leslie & Son	Sarver 2	14.26	RH:GG	9,781	337.9
Loyal B. Spang	Renfrew 1	13.60	RG	7,526	337.4
C. F. Landerer	Portersville	12.90	RJ:PJ	6,450	336.3
C. B. Wachsmuth	Portersville 1	15.61	RG	6,841	336.0
C. I. Davison	Evans City 1	10.44	RG:GH:GG	7,074	332.6
Ralph Hay	Saxonburg 1	11.28	GG:RH:GH	9,565	332.3
John L. Wise	Harmony	20.83	GG:R:GH	9,703	331.8
A. W. Zillfro	Slippery Rock 1	12.27	RG	5,869	331.6
Arthur Dunn	West Sunbury	10.85	R:GG	7,451	329.8
Butler County Home	Butler 4	19.84	GH	9,682	325.5
G. F. Otto	Harmony 2	33.15	GG	6,799	325.1
H. E. Kennedy & Son	Cabot 1	12.62	R:GH	9,897	324.8
Albert A. Pflug & Son	Harmony 1	20.72	RA:GG	8,230	324.6
McCandless Brothers	Butler 5	25.85	G:RG	6,634	323.1
Oren Brandon	Slippery Rock	19.93	GG:RG:GH	6,878	321.7
R. N. Dickey	Slippery Rock	18.68	R:GG	6,726	321.1
Elmer Keck	Sarver, R.D.	13.12	R:GH	10,504	316.5
Carl McCall	Butler 3	15.44	GH:GG	8,039	315.0
Merle G. Sutton	Butler 1	8.38	RG:GH:GG	7,209	314.2
John Amann	Marwood	19.45	RH:GH:GG	8,758	307.8
C. E. Reed	Slippery Rock	17.98	RG	6,956	306.7
Frank J. Cooper	Slippery Rock 2	19.70	RJ:GJ	5,491	305.6
R. L. Farrington	Fosburg	27.61	GG:GH	7,027	304.7
Lee Critchlow	Harrisville	25.16	R:GJ	6,252	304.7
B. H. McCandless	Butler 5	12.72	GH	8,680	300.7

CAMBRIA COUNTY

Central Pa. Guernsey Breeder's Ass'n. (Cambria Co.) D. H. I. A., Year Ending
Feb. 28., 1943

Robert Nelson, Tester, Altoona R.D., Pa.

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
E. J. Farabaugh	Loretto, R.D.	24.31	R:GG	7,736	382.3
J. N. Griffith	Ebensburg, R.D.	24.27	R:GG:R:GH	8,505	359.3
C. A. Itle & Son	Cresson, Pa.	36.73	R:GG	7,346	354.0
Lawrence Harteis, Jr.	Ebensburg	9.52	R:GH	8,988	336.9
W. Griffith Est.	Ebensburg	25.92	RG	6,363	331.9
H. I. Oaks	Summerhill	12.97	R:GH	8,690	327.3
J. H. Friedhoff	Johnstown, R.D. #2	9.13	RH	8,072	320.6
Galen Metzgar	Johnstown, R.D. #1	19.24	R:GH	7,927	315.3
L. W. Kline	Cresson, Pa.	19.19	R:GG	6,332	302.9

CENTRE COUNTY

Centre County D. H. I. A., Year Ending July 31, 1943

Thomas Fox, #1, Mill Hall, Pa.; Ira Whiteman, #2, Oak Hall Station, Pa.; Testers

Western Penitentiary*	Bellefonte, Pa.	82.98	R:GrH	16,996	578.9
Hugh L. Wilson**	Warriors Mark	29.18	R:GrJ:GrH	11,644	526.7
J. Harold Lang***	Salona	7.60	GrH:GrJ	12,028	514.6
W. E. Hackman****	Rebersburg	9.83	RJ	9,497	473.5
Penna. State College*	State College	131.36	RA:R:BrSw:RG:		
			RH:RJ	10,742	463.6
Ellis D. Rearick	Millheim	14.28	RH	13,068	459.6
F. E. MacIntire	Rebersburg	16.95	RH	13,537	452.4
C. F. Beck	Warriors Mark	10.55	RH:GrG:Mix.	11,173	445.4
W. L. Confer & Son	McElhattan	16.12	R:GrH	12,437	440.1
J. B. Strunk	Mill Hall	22.04	GrH:GrG	11,161	420.8
E. M. Peters	Port Matilda	11.09	RH	11,175	410.3
Locust Lane Farm	Beech Creek	16.38	RG	8,574	404.5
J. H. Ferree	Mackeyville	11.85	R:GrG	7,862	391.1
William H. Geist	Warriors Mark	14.10	RJ:GrJ:GrH	8,593	390.3
T. C. Kryder	Mill Hall	12.63	RH	10,795	386.2
P. P. Henshall	Centre Hall	19.93	R:GrH	11,056	379.9
F. W. Ingram	Salona	12.66	R:GrH	10,924	379.5
Harry E. Confer	Howard	10.29	R:GrH	10,916	377.4
Eber S. Baney	Warriors Mark	14.19	GrG:Mix.	8,682	375.3
G. W. Ralston & Son	Centre Hall	20.34	R:GrG	7,518	369.8
Ward C. Krape	Bellefonte	22.43	GrH	11,282	368.7
S. F. Esterline	Green Burr	11.78	RJ	6,488	368.1
E. T. Bechdel Estate	Blanchard	13.89	R:GrH	10,108	367.1
George E. Weight	Bellefonte	18.81	R:GrH	10,488	361.1
Harold B. Hayes	Salona	18.87	R:GrH:GrG:		
			Mix.	9,618	360.9
Fox Brothers	Mill Hall	12.87	R:GrH	10,108	358.7
Shoemaker Brothers	State College	25.28	R:GrH	10,048	350.2
I. Kline Confer	Salona	13.90	R:GrH	10,392	350.0
Frank Keller	Bellefonte	15.58	GrH	9,688	348.8
Harry M. Smith	Bellefonte	30.62	RH	9,749	346.1
Eugene Ellenberger	Warriors Mark	15.00	R:GrJ	6,353	345.0
J. G. Confer	McElhattan	10.35	R:GrH	10,206	341.6
Claud H. Bechdel	Beech Creek	12.17	GrH	10,421	340.4
Mill Brook Farm	Mill Hall	32.66	RH	9,920	338.8
M. Earl Confer	Howard	9.55	R:GrH	9,079	338.0
Charles N. Schenck	Howard	14.05	GrH	10,005	337.3
Mrs. May Hayes	Mackeyville	20.88	GrG:GrH	8,426	330.0
Henry J. Stover	Aaronsburg	15.48	GrH	9,472	328.5
Lewis W. Baylet	Bellefonte	10.08	R:GrH	9,207	322.5

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Fern T. Dunkle	Howard	9.04	GrH	8,894	312.4
C. L. Bartley	Bellefonte	17.90	R:GrH	9,152	312.3
Clair F. Burns	Warriors Mark	16.20	GrH:GrJ:Mix.	7,634	308.6
G. G. Grieb & Sons	Tylersville	22.52	R:GrG	6,182	308.0
H. V. Proctor	Hammersley Fork	20.13	RG	6,289	306.5
Homestead Dairy	Mill Hall	17.52	R:GrH	9,080	302.6
*Herd milked three times daily.					
**Herd milked three times daily for 9 mos.					
***Herd milked four times daily for 6 mos.					
****Herd milked three times daily for 6 mos.					

CHESTER COUNTY

Avon-Grove D. H. I. A., Year Ending April 30, 1943

Daniel Walters, Gerald Miller, Testers, West Chester, Pa.

Paul Coates	Coatesville	34.98	GrJ	7,835	403.6
Mrs. Florence Hobson	Avondale	20.09	Mixed	8,265	398.3
Embreeville State Hos.	Embreeville	31.11	RH	10,815	387.1
Guy E. Sawyer	Chadds Ford	14.67	RG	7,621	364.9
Jesse Willis	Lincoln Univ.	36.12	GrG	7,507	363.9
Arthur C. Harvey	West Grove	22.97	R:GrH:GrJ	9,746	361.2
Wilson & Sutphin	Oxford	20.12	GrG	7,823	355.7
Dr. W. T. Worth	Landenberg	31.16	GrH	9,524	355.1
Charles Canby	Landenberg	31.29	RG	6,823	346.8
Harold Windle	Cochranville	42.51	GrG:Mix.	7,729	335.7
Howard T. Pratt	Toughkenamon	31.21	GrG:GrH	7,668	329.2
H. Kirk Brown & Son	Oxford	37.78	R:GrG	6,427	311.8
Ralph H. Neel	Cochranville	21.87	RH	9,406	311.1

Chester Valley D. H. I. A., Year Ending March 31, 1943

J. G. McAllister (Symington, Stump, Pepple), Tester, West Chester, Pa.

F. Guernsey Fine, Jr.	Pottstown, R.D.	19.21	R:GrG:GrH	10,457	434.6
G. Donald Spackman	Coatesville	40.68	RJ	7,212	405.9
John W. Davis	Downingtown	18.69	RG	7,257	367.8
William M. Lloyd	Downingtown	36.13	RJ	7,164	359.0
James M. Manley	Downingtown	26.92	R:GrH	9,670	348.3
Butler Heirs	Uwchland	34.24	R:GrG	6,818	343.3
Wilson S. Yerger	Malvern	40.67	RA	8,435	340.6

Coventry Association D. H. I. A., Year Ending December 31, 1943

Ada M. Symington, Tester, West Chester, Pa.

Sherman H. Burbank	Pottsville, R. 2, Pa.	16.45	R:GrG	9,787	478.0
William Mendenhall	Downingtown, Pa.	23.01	RH	13,280	450.4
Warnick Furnace Farm	Glenmore, Pa.	71.36	GrG	8,133	408.6
W. H. Dunwoody Zook	Glenmore, Pa.	16.53	RG:RA	8,626	385.6
Rudolph Grubb	Spring City, Pa.	21.64	Gr:RG	7,799	384.5
Henry White	Birchrunville, Pa.	18.98	RCG:RH	8,026	380.1
Pennhurst State School	Spring City, Pa.	102.24	RH	10,869	375.4
Harvey Fisher	Phoenixville, R.D.	18.37		9,820	372.3
Valley Hill Farms	Phoenixville, Pa.	46.38	PG	7,511	371.3
H. R. Swavely	Pottsville, Pa.	44.73	GrG:GrH	9,424	364.9
Harry J. Bickel	Pottstown, R. 1, Pa.	24.81	RH:R:GrG	8,969	356.9
Kinsey Distillers Corp.	Phoenixville, R.D.	20.02	RH	9,505	349.2
Furman Gyger	Kimberton, Pa.	30.52	RH	10,048	344.8
Walter Hibberd	Birchrunville, Pa.	24.77	R:PG	7,152	337.7
Rudolph Kulp	Pottstown, R. 1, Pa.	22.07	RA	8,056	311.6
Laurel Locks Farms	Pottstown, Pa.	184.60	RG	5,988	308.6
Homer Stoltzfus	Pottstown, R.D., Pa.	25.82	RH	8,471	301.6

Oxford Association D. H. I. A., Year Ending November 30, 1943
Maurice C. Stump, Tester, Box 202, Oxford, Pa.

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Wheel Wood Farm, W. Swint.....	Landenburg, Pa.	11.12	RG	8,593	458.2
Howard C. Wollaston & Sons.....	Toughkenamon, Pa.	17.93	RJ	8,758	446.4
H. S. Gatchell.....	Peach Bottom, Pa.	18.15	RJ	7,130	431.6
Longwood Farm, Pierre S. DuPont.....	Kennett Sq., Pa.	51.86	RG	8,331	429.7
Thomas Clement.....	Lincoln Univ.	17.50	RH	12,319	417.9
Lincoln University Farm.....	Lincoln Univ., Pa.	28.87	RH:RG	10,832	395.5
Thomas Sloan.....	Oxford, R.D. 3, Pa.	20.86	RPH:RG:RG	9,002	392.2
E. H. Bailey and Sons.....	Oxford, Pa.	44.99	RG	7,468	386.8
H. L. Stubbs.....	Oxford, R.D. 4, Pa.	26.45	RH:Mix.	9,340	382.7
Noah Hershey, Jr.....	Parkesbury, Pa.	19.04	Gr:RG	7,103	377.0
O. W. Shortlidge & Counts	Lincoln Univ., Pa.	36.90	GrH:GrG	8,274	372.7
Hayes & Shoemaker.....	Oxford, Pa.	26.32	RGrH:RG:RG	9,398	363.5
D. L. Gallagher.....	Peach Bottom, Pa.	22.58	R:GrG	7,117	341.3
Conner and Killinger.....	Avondale, Pa.	63.75	RPJ	6,437	338.3
Everett Holt.....	Lincoln Univ., Pa.	27.03	Gr:RG	6,944	338.0
Charles Laurie.....	Oxford, Pa.	26.63	GrH:GrG	8,067	331.9
Dr. Edward A. Webb.....	Avondale, Pa.	25.78	R:GrG	6,917	327.7
Morriseinna Farm (Mrs. Paul Street).....	Chatham, Pa.	47.14	Mix.:JGH	6,984	326.6
Edward H. Goodwin.....	West Grove, Pa.	23.85	RGrJ	5,992	313.4
John W. Patton.....	West Grove, Pa.	41.98	GrG	6,304	310.4
O. W. Shortlidge & Mills.....	Lincoln Univ. Pa.	32.39	GrG	7,092	302.5
Remy Hourdequin.....	Avondale, Pa.	20.50	GrG	5,992	301.8

West Chester D. H. I. A., Year Ending Oct. 31, 1943

Shannon Pepple, Tester, West Chester R.D., Pa.

Dr. Chas. Messinger*.....	Phoenixville	31.82	RJ	9,173	480.1
Liseter Fm.**.....	Newtown Square	82.39	RG	8,527	436.8
E. P. Allinson.....	West Chester	31.01	RH	11,831	423.5
Cold Spring Farm.....	West Chester	7.04	RJ	7,151	415.4
Fordell Farm.....	Media	13.27	RJ	7,575	412.0
Blue Rock Farm.....	West Chester	27.60	RH	11,297	404.4
Russell B. Jones.....	Westtown	19.48	GrG:GH	10,535	385.6
Delaware Co. Home.....	Lima	15.59	R:GrH	10,904	375.6
Robert F. Brinton.....	West Chester	53.48	RH	10,393	370.3
Marshall L. Jones, Jr.....	Westtown	19.60	Gr:RH	9,798	369.6
John F. Lewis, Jr.....	Morstown	53.80	GrG:GH	9,206	365.3
Echolo Farm.....	Westtown	37.95	RJ	6,566	348.9
Dr. Clyde Spangler.....	Concordville	45.07	RA:RG:RH	9,191	342.4
J. L. Lohrke.....	Westtown	17.35	RG:RA	6,917	339.1
Roselawn Farm.....	Malvern	38.88	RA	7,640	337.9
Great Oak Farm.....	Mortonville	21.40	R:GrJ	6,283	336.2
Ashley Farm.....	Newtown Square	62.14	RH	8,433	326.2
Gilbert R. Englerth.....	Chester Springs	10.22	R:GrJ	6,176	321.9
Westtown School Farm.....	Westtown	49.27	GrRG:GrH	7,572	318.3
Esco Farm.....	West Chester	50.82	RG	6,223	317.7
Garrett Williamson Lodge.....	Newtown Square	30.82	GrRG:GrRH:RH	7,682	312.5
Fox Creek Farm.....	Devon	35.30	RJ	5,824	305.2
C. C. Renshaw.....	West Chester	18.33	RG:GrJ	6,254	302.5

*Herd milked three times daily for 4 mos.

**Herd milked three times daily for 11 mos.

CLARION COUNTY
1st Clarion County D. H. I. A., Year Ending July 31, 1943

George Cole, Limestone, Pa.; Arthur Kirkpatrick, Strattonville, R.D., Pa., Testers

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
E. H. DeVilder.....	Miola	20.04	RG	8,756	475.0
J. E. Shook.....	Sligo, R.D.	12.88	R:GG	9,521	471.3
R. H. Shook.....	Sligo, R.D.	22.47	R:GG	8,945	455.5
Gruber Brothers.....	Hawthorn	18.84	R:GG	9,323	439.9
S. A. Showers.....	Clarion, R. 2	11.96	GH:GG	10,665	438.6
Mrs. Ida Fleming.....	New Bethlehem, R.D.	7.12	RG	8,713	437.0
J. P. C. King.....	Summerville, R.D.	5.98	RH	11,326	419.0
H. B. Hartman.....	Sligo, R.D.	14.45	R:GG	7,607	415.7
Clair Gourley.....	New Bethlehem, R.D.	8.74	R:GG	8,530	411.1
F. L. Stahlman.....	New Bethlehem, R.D.	9.37	RG	7,895	408.7
H. B. Truitt & Son.....	Fairmount City	15.87	R:GG	7,797	400.1
A. F. Hartman.....	New Bethlehem, R.D.	14.72	R:GG	8,614	399.4
E. E. Carrier.....	Mayport, R.D.	19.54	R:GG:Mix.	7,967	394.7
E. C. Frampton.....	Sligo, R.D.	16.30	R:GG	7,493	392.6
O. E. Barto.....	Sligo, R.D.	10.96	R:GG	7,466	392.3
H. L. Lucas.....	Mayport, R.D.	23.75	R:GH	11,117	385.5
A. A. Ditz.....	Fryburg	15.21	R:GG:GH	8,633	380.4
George Hoover.....	New Bethlehem, R.D.	17.81	R:GG	8,321	379.4
C. A. & D. C. Wagner.....	New Bethlehem, R.D.	12.04	R:GG	7,864	376.9
Wm. & C. A. McCauley.....	New Bethlehem, R.D.	26.13	RH	10,384	376.3
Eugene Pyne.....	Rimersburg, R.D.	10.06	R:GG	7,644	367.7
C. W. Henry.....	Mayport, R.D.	16.53	GG	7,545	366.0
Frank M. Pence.....	New Bethlehem, R.D.	14.37	N:GG	7,666	361.0
J. W. M. Gruber & Son.....	Shippensburg, R.D.	52.55	R:GG	7,302	356.9
Walter Willison.....	Rimersburg, R.D.	11.46	RG	7,063	352.6
W. W. Kirkpatrick.....	New Bethlehem, R.D.	8.59	GG	7,912	352.2
Arnold Shick.....	Mayport, R.D.	11.18	R:GG	6,737	352.1
Arnold Lehner.....	Rimersburg, R.D.	20.36	R:GG	6,693	350.1
Paul V. McCall.....	Sligo, R.D.	8.69	RG	6,745	350.1
Paul R. Murray.....	Sligo, R.D.	12.56	R:GG	6,671	347.4
M. R. Minnich.....	New Bethlehem, R.D.	10.23	R:GH	8,732	340.2
M. S. Stewart & Son.....	Parkers Landing, R.D.	21.99	RG	7,088	336.2
J. E. Over.....	Sligo, R.D.	8.33	RG	6,422	335.6
Roy D. Miller.....	Fairmount City, R.D.	8.81	R:GG	6,104	324.2
C. L. Risher.....	East Brady	32.88	R:GG	7,003	324.0
Clyde Walls.....	New Bethlehem, R.D.	10.41	R:GG:Mix.	6,933	317.2
H. G. Mahle.....	Miola	11.52	R:GG	5,651	314.9
Arnold Brown & Sons.....	New Bethlehem, R.D.	11.32	R:GG	6,024	300.0

CLEARFIELD COUNTY

Clearfield D. H. I. A., Year Ending Sept. 30, 1943

Orvis Delcamp, Tester, c/o Agr. Extension Ass'n., Clearfield, Pa.

White Oaks Farm.....	Clearfield, R.D. 4	19.50	RJ	8,835	492.7
Max Forcey.....	Woodland, R.D.	28.56	P:Gr:RJ	9,332	482.1
C. V. Fink.....	Woodland, R.D.	23.43	Gr:P:R:J	8,970	440.3
Wendell Turner.....	Philipsburg, R.D.	27.83	GrJ:Gr:PRH	9,765	439.9
Belle Vue Farm.....	Bigler	28.31	GrPRJ	7,648	422.1
Jesse L. Hutton.....	Mahaffey, R.D.	10.08	RG:G:Mix.	7,458	400.2
S. R. Thompson.....	Philipsburg, R.D.	21.64	GrP:RJ:GrH	8,353	395.9
D. T. Mitchell, Jr.....	Mahaffey, R.D.	21.10	RP:GrJ	7,288	385.1
Morris W. Shimmel.....	West Decatur, R.D.	18.88	GrH:Mix.	9,251	379.6
Charles Chilcote.....	Morrisdale	12.73	R:GrH	9,644	375.6
A. L. Sanderson.....	Morrisdale	25.54	GrH:GJ:PH	8,414	366.4
George Straw.....	Kerrmoor	7.17	GrH:P:GrG	8,471	355.2
Leonard Heidt.....	Curwensville, R.D.	13.84	GrH:G:RH	8,594	353.4
Henderson Van Tassel.....	DuBois, R.D.	13.80	GrG:H:RJ	7,237	350.6

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Hazen Owens.....	Clearfield, R.D. 4	20.58	GrH:RH	9,383	349.7
Don McKeehen.....	Kerrmoor, R.D.	13.58	GrG	7,028	349.2
Amos G. Haag.....	DuBois, R.D.	13.82	R:PG	6,786	343.7
C. W. Peters.....	Woodland	20.65	Gr:P:RJ	6,371	333.9
T. B. Wachob.....	Luthersburg	8.66	GrH:Mix.	8,416	331.5
S. V. McKee.....	Westover	30.86	RP:GrG	6,809	331.4
E. P. Young.....	Westover	11.92	GrR:PJ	6,304	328.5
L. W. Roland & C. D. Pardee.....	Westover	17.89	GrG:Mix.:GrJ	6,664	321.9
Stone House Farm.....	Clearfield, R.D. 4	23.73	GrG:J:GrP:RH	8,117	320.3
J. H. Smith & Son.....	DuBois, R.D.	19.12	Gr:PG	6,513	305.9
Leo Whipple.....	DuBois, R.D.	25.81	Gr:RH:GrG:J	7,939	304.3

CLINTON COUNTY

First Clinton D. H. I. A., Year Ending March 31, 1943

Bernard Day, Levo Fassett; Testers; c/o Agri. Extn. Office

Sherman Spotts.....	Beech Creek	18.94	PH	14,212	475.2
Anna Swavely.....	Mackeyville	11.52	P:GrH	11,722	413.8
Elmer Embick.....	Loganton	10.00	R:GrH	11,064	408.4
R. S. Schrack.....	Loganton	12.76	R:GrH	10,455	366.1
Adam Muthler.....	Salona	20.80	P:GrH	9,924	365.3
R. E. Kable.....	Jersey Shore	15.52	R:GrH	9,728	359.4
Doyle V. Heltman.....	Mill Hall	10.64	R:GrH	10,397	345.5
Raymond Overdorf.....	Loganton	8.39	R:GrH	9,042	331.7
Glen Dunlap.....	Beech Creek	9.52	PG	6,392	323.9
John C. Boone*.....	Loganton	8.59	P:GrG	6,859	311.7
J. E. Beck.....	Mackeyville	14.64	GrH	8,773	311.3

*Herd milked four times daily for 10 mos.

COLUMBIA COUNTY

Columbia-Luzerne D. H. I. A., Year Ending February 28, 1942

Miriam Johnson, Tester, Shickshinny, Star Route

R. J. Breisch.....	Catawissa	29.19	R:GrG	8,245	417.3
Carl Stevens.....	Stillwater	23.43	RG	8,389	410.8
J. A. & W. D. Fairchild*.....	Berwick	51.15	RJ	9,843	406.4
Harold Wilkinson.....	Shickshinny	8.79	R:GrG	7,992	402.5
Berwick Creamery Farm.....	Nescopeck	28.56	RH	11,793	386.9
Roland H. Seely.....	Nescopeck	15.96	RG	7,609	381.7
C. R. Hack.....	Berwick	61.71	RG	7,778	381.4
William Yaple.....	Stillwater	13.85	R:PG	7,152	343.2
Archie & Foster Hilliard.....	Sugarloaf	11.65	RH	9,492	330.0
F. E. Bittenbender.....	Shickshinny	8.41	RG	6,430	307.4
Alfred Rice & Son.....	Dallas	12.91	RG:GrH	7,315	304.6
R. E. Wright & Son.....	Dallas	13.72	RA:Mix.	7,183	301.1

*Herd milked three times daily for 6 mos.

Columbia No. 2 D. H. I. A., Year Ending September 30, 1943

Harold Plastow, Tester, Benton, Pa.

Alvin C. Sutliff.....	Benton	24.38	RG	8,864	447.3
Frank Yost.....	Stillwater	5.61	R:PG	8,394	426.8
Ernest Roberts.....	Orangeville	9.27	R:PG	8,810	422.7
George D. Yost.....	Benton	9.14	R:GG	8,018	408.8
Samuel Yost.....	Stillwater	8.32	P:RG	7,531	391.8
Robert E. Kline.....	Benton	14.53	RG	8,196	389.1
Thomas S. Gordon & Son.....	Millville	19.13	RP:GrG	7,897	378.8
Floyd Fritz*.....	Orangeville	15.12	GrH	9,780	372.5

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Franklin Beishline.....	Benton	7.96	GrG	7,626	356.3
Joseph Mendenhall.....	Benton	21.01	R:GrH	10,035	350.2
Eli McHenry.....	Benton	15.05	RG	6,885	344.3
J. B. Sutliff Est.....	Benton	15.56	R:PG	6,608	327.0
Harold H. Hayman.....	Stillwater	19.74	RG	6,656	321.4
C. H. Henrie.....	Millville	12.36	RP:GrG	6,845	321.3
M. D. Pennington & Son.....	Benton	9.68	GrG	6,989	314.7
Philip Harris.....	Bloomsburg, R.D. 5	6.95	GG:R:GH	6,534	313.8
Nevin Yost.....	Orangeville	10.43	Mix.	6,388	311.0

*Herd milked three times a day for 4 mos.

CRAWFORD COUNTY

Centerville D. H. I. A., Year Ending February 28, 1943

Clinton VanCise, Tester, Centerville, R. #4

Walter White.....	Centerville	12.18	R:GrH:Mix.	11,558	451.4
James Bradford.....	Centerville	9.90	RG	8,833	425.7
Wayne Langworthy.....	Centerville	13.84	R:GrH	10,898	365.7
August J. Bart.....	Tyronville	12.27	GrG:Mix.	7,673	353.4
Ross Howard.....	Townville	15.30	P:GrJ	6,578	352.4
R. M. Clark.....	Centerville	17.62	R:GrH	9,473	346.8
E. A. Wilhelm.....	Centerville	19.98	GrH	9,310	346.1
Vance Kelly.....	Centerville	10.67	Mix.	8,800	341.9
J. K. Clark.....	Centerville	22.32	RH	9,985	339.9
Earl Stewart.....	Centerville	16.74	R:GrH	9,333	332.7
E. L. Post & Son.....	Centerville	12.68	R:GrH	9,620	324.4
Robert Walker.....	Centerville	13.36	R:GrH	9,113	307.5

Crawford-Venango D. H. I. A., Year Ending July 31, 1943

Ellen G. Sheldon, Tester, c/o Extension Office, Meadville, Pa.

Harry I. Sharp.....	Diamond, Pa.	7.65	RJ:RG:PG	6,262	449.2
Merle Ongley.....	Centerville	19.34	R:GrH:G	12,198	411.8
Wesley G. Reitze.....	Meadville, R. #5	15.93	RH	11,862	396.0
C. O. Proper & Son.....	Diamond	19.93	R:GrJ	7,565	394.1
Harold L. Borland.....	Meadville, R. #5	6.91	RP:GrJ:GrG	6,981	380.0
A. D. McNamara.....	Meadville, R. #7	17.16	GrHJ:G	9,426	378.8
O. L. & Nova Noel.....	Guys Mills	9.56	RJ	6,284	350.9
F. W. Smith.....	Meadville, R. #7	9.10	RJ	6,460	346.2
Lester V. Randall.....	Guys Mills	6.78	RA	8,460	344.5
Arthur Handley & Son.....	Meadville	18.76	GrG:H	9,042	331.3
E. R. Irons & Son.....	Guys Mills	18.36	GrJ	6,676	330.7
Lawrence Proper.....	Diamond	20.20	RG:GrG	7,449	328.2
Mrs. C. W. Gilbert.....	Guys Mills	23.59	GrG	7,130	327.0
Harry Whitman.....	Diamond	7.54	R:GrJ	6,176	314.0

Northwest D. H. I. A., Year Ending Feb. 28, 1943

Mac Lorenz, Tester, Agric. Extension Office, Meadville, Pa.

E. T. Hamilton.....	Conneautville	11.62	RH	11,118	413.7
Andrew L. Shellito.....	Springboro	5.56	RJ:R:GrH	9,333	387.8
Burl Hayes.....	Edinboro	17.42	GrH:GrJ	9,196	386.9
I. R. Hill.....	Linesville	11.69	R:GrH	9,782	367.7
H. H. Sheldon.....	Springboro	18.07	RA:Mix.	8,594	359.2
Willis Burke.....	Meadville, R. #2	13.84	RH	10,325	354.8
Cribbs Meth. Home.....	Conneautville	10.25	GrG	6,944	349.0
Anthony Rendulic.....	Conneaut Lake	23.53	R:GrH	9,284	337.7
Lot Freeman.....	Venango	7.79	Mix.	7,824	331.6
Fred W. Thornton.....	Springboro	14.51	RH	9,592	328.4
N. K. Partch.....	Linesville	10.10	R:GrH	9,150	328.0
Frances E. Martin.....	Pierpont, Ohio	6.29	R:GrH:GrG	8,003	318.1

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Chas. Lodge.....	Cambridge Springs	15.62	GrG	6,203	317.3
J. S. Sherred.....	Venango	21.78	RH	9,292	311.2
Paul Lamb.....	Conneautville	14.41	Mix.	7,499	308.5
Wm. P. West Estate.....	Conneautville	28.45	R:GrH	8,782	306.3
A. H. Beedy.....	Cambridge Springs	23.36	GrH	9,429	301.0

Titusville Ass'n. D. H. I. A., Year Ending Oct. 31, 1943

George E. Simpson, Tester, 420 N. Martin St.

J. M. Kelly.....	Titusville	21.76	RG	8,872	446.8
Basil Hummer.....	Titusville	25.50	Gr:RJ	8,063	434.8
Clyde Vosburgh & Son.....	Titusville	44.15	Gr:RJ	7,424	380.6
W. H. Howard.....	Centerville	10.56	RJ	7,118	375.4
Harry Firth.....	Spartansburg	21.29	Gr:RH	10,265	372.7
Will Hasbrouck.....	Titusville	17.25	RH	10,105	367.8
Frank Firth, Jr.....	Spartansburg	14.26	Gr:RH	10,228	357.8
D. W. Alsdorf & Son.....	Spartansburg	19.79	Gr:RH	10,671	357.6
Ronald W. Messenger.....	Spartansburg	12.56	Gr:RH	9,841	344.5
J. E. Kunz & Son.....	Centerville	21.29	Gr:RG	7,410	342.9
Mrs. A. C. Watson.....	Titusville	28.91	GrG	6,918	341.9
E. W. Hummer & Son.....	Titusville	24.29	Gr:RJ	7,159	336.1
Geo. M. Hummer.....	Titusville	18.71	RJ	6,263	326.1
E. R. Kerr.....	Centerville	23.18	R:GrH	9,440	324.7
Mrs. Nettie Harrison.....	Centerville	12.95	GrH	8,471	324.0
Mark J. Kelly.....	Centerville	7.60	GrH	9,066	314.8

Western Crawford D. H. I. A., Year Ending February 28, 1943

Albert Crowl, Tester, Guys Mills, Penna.

Joseph Mandle.....	Conneaut Lake	10.78	R:GrG	8,531	436.5
Riverside Stock Farm.....	Cambridge Springs	24.07	RJ	8,127	425.7
Ivan Virtue.....	Star Rt., Meadville	23.41	R:GrJ	7,835	418.8
J. S. Patton.....	Hartstown	24.27	RH	11,829	405.7
Clifford Hunter.....	Guys Mills	17.06	R:GrJ	7,646	398.5
George W. Hazen.....	Conneaut Lake	15.93	R:GrJ	7,849	374.6
Lavier Livingston.....	Westford	12.73	R:GrH:GrG	8,565	372.8
Dewitt Rust.....	Saegertown, R. #2	15.33	R:PH	10,159	369.2
Carl Miller.....	Linesville	13.10	R:GrH	9,944	368.5
William Brown.....	Conneaut Lake	13.65	GrJ	7,110	367.1
Lee Sperry & Sons.....	Atlantic	36.67	R:GrH	9,739	361.8
C. C. Withrow.....	Meadville	11.67	R:GrG:Mix.	7,695	361.3
Burton Shontz.....	Conneaut Lake	21.32	R:GrG	7,529	345.3
H. H. Rhoades.....	Espyville	20.09	GrH	9,208	338.2
R. T. Gaylord.....	Adamsville	12.13	RH	8,951	334.4
D. F. Bird.....	Guys Mills	14.24	GrG:Mix.	7,485	322.7
J. R. Free.....	Conneaut Lake	13.07	R:GrH	9,407	329.2
Joe D. Miller.....	Meadville	17.65	GrJ	6,439	329.2
H. H. Bauer.....	Espyville	11.14	R:GrH	9,106	328.6
Walter E. Burchard.....	Guys Mills	22.46	Mix	7,463	327.0
S. C. Morrow.....	Westford	8.59	RA	7,762	320.6
James K. Bennett.....	Westford	11.82	R:GrG	5,959	302.3

CUMBERLAND COUNTY**Original Cumberland D. H. I. A., Year Ending September 15, 1943**

Hazel R. Kutz, Tester, R.D. #4, Carlisle, Pa.

Pa. Industrial School*.....	Camp Hill	53.12	R:GrH	14,739	502.9
Miss Anne McCormick.....	Harrisburg	6.39	RG	9,181	463.6
J. Walter Rupp.....	Mechanicsburg, R. 4	16.32	R:GrH:Mix.	11,807	415.6
Vance C. McCormick.....	Harrisburg	5.88	RG	8,319	412.0
Ivo V. Otto.....	Carlisle, R. 1	30.22	RH	11,739	406.1
Jesse Kurtz.....	Carlisle, R. 4	13.14	RH	10,756	401.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Methodist Home for Children.....	Mechanicsburg, R. 3	28.47	RH	11,038	380.6
J. H. Lear.....	Carlisle, R. 5	23.15	RH	10,166	378.9
G. Weir Strock.....	Mechanicsburg, R. 2	31.42	R:GrH	10,955	370.0
Mark R. Basehore.....	Mechanicsburg, R. 4	14.51	R:GrH	10,374	356.8
C. G. Niesley.....	Mechanicsburg, R. 1	18.15	RH	9,700	355.3
A. G. Wingert.....	Mechanicsburg, R. 2	8.85	RH	8,721	355.1
E. Nevin Weber.....	Mechanicsburg, R. 2	22.10	RH	10,030	350.0
Russell S. Eberly.....	Mechanicsburg, R. 3	14.70	RH	9,814	340.2
Walter A. Eckert.....	Mechanicsburg, R. 1	25.31	R:GrG	7,125	335.1
Wilbert A. Kreitzer.....	Mechanicsburg, R. 2	14.98	RH	9,612	331.0
S. W. Zeigler Estate.....	Mechanicsburg, R. 2	19.91	R:GrH	9,384	328.0
Albert F. Kost.....	Carlisle, R. 1	24.77	RH	9,206	322.9
Harry G. Banzhoff.....	Mechanicsburg, R. 2	13.78	R:GrG	6,543	305.8
J. Norton Kruger, Herd #1.....	Carlisle	21.95	R:GrH	8,528	303.7
Ivo V. Otto & Rudy Dromgold.....	Carlisle, R. 6	20.25	RH	9,048	303.1

*Herd milked three times daily.

Second Cumberland D. H. I. A., Year Ending September 30, 1943

J. Paul Shughart, Tester, Box 96, Allen, Pa.

Marvin E. Shughart.....	Mechanicsburg, R. 1	6.22	RH	13,361	471.0
Spencer G. Nauman.....	Harrisburg	6.78	R:GrG	8,328	419.5
James Rinehart.....	Newville, R. 1	5.39	RH	12,295	417.0
J. Paul Wrightstone.....	Camp Hill, R. 1	11.30	RH	11,201	391.6
Earl M. Lehman.....	Carlisle, R. 2	9.27	RH	10,225	389.7
Joseph A. Murphy.....	Carlisle, R. 5	13.94	RH	10,795	385.6
Howard J. Slothower.....	Mechanicsburg, R. 2	12.26	RH	10,950	372.4
E. Raymon Shughart.....	Carlisle, R. 1	10.89	R:GrH	10,103	368.4
Hugh L. McMeen.....	Carlisle, R. 6	24.65	RH	10,033	368.7
Sylvan M. Wood.....	Carlisle, R. 1	13.49	RH	9,784	360.4
Albert Adams.....	Carlisle, R. 5	44.99	R:GrH	9,398	345.5
Paul C. Gible.....	Mechanicsburg, R. 1	22.84	R:GrH	9,851	343.2
John S. Asper.....	Mechanicsburg, R. 2	9.78	RH	10,026	340.0
Harry P. Cornman.....	Mechanicsburg, R. 3	23.25	R:GrH	9,663	332.1
Fred D. Myers.....	Mechanicsburg, R. 1	21.91	R:GrH	9,147	328.8
Clarence M. Cornman.....	Mechanicsburg, R. 1	20.92	RH	9,672	322.7
John H. Clouse.....	Newville, R. 3	13.53	R:PH	9,283	316.0
W. Earl Wood.....	Carlisle, R. 6	17.56	R:GrH	9,087	315.3
Donald F. VanScyoc.....	Shippensburg, R. 1	6.81	RG	6,829	312.1
Russell F. Bower.....	Shippensburg, R. 1	15.22	R:GrH	8,781	302.9
Paul O. Sunday.....	Carlisle, R. 1	18.22	R:GrH	8,807	302.5
Charles C. Hoffer.....	Carlisle	27.10	RH	8,255	302.2
Paul E. Rebert.....	Mechanicsburg, R. 1	14.16	RH	8,508	301.7
C. A. Raudabaugh.....	Carlisle, R. 1	15.25	RH	8,819	300.3

Third Cumberland D. H. I. A., Year Ending September 30, 1943

Donald D. Wenger, Tester, Carlisle, Pa.

Clyde P. Menges.....	Newville, R. 3	17.75	R:GrG	8,619	408.9
J. J. Zeigler.....	Carlisle, R. 1	24.24	R:GrH	10,769	387.1
Benjamin F. Garman.....	Carlisle, R. 6	12.32	RH	9,962	375.2
Russell G. Shopp.....	Camp Hill, R. 1	10.82	RH	10,266	352.9
George E. Young.....	Carlisle, R. 1	17.90	R:GrH	9,627	349.8
Harry E. Hamsher & Sons.....	Carlisle, R. 1	16.68	RH	10,610	348.1
Cumberland County Home.....	Carlisle, R. 1	16.34	RH	9,902	332.7
C. P. Means.....	Shippensburg, R. 1	15.68	R:GrG	6,702	329.7
Frank Reese.....	Shippensburg, R. 1	24.19	RH	9,416	327.0
John C. Yorlets.....	Mechanicsburg, R. 2	16.32	R:GrH	9,596	326.2
Zel E. Myers.....	Newville, R. 3	22.46	RH	8,727	309.1

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Fourth Cumberland D. H. I. A., Year Ending September 30, 1943					
Mary L. Schmoker, Tester, Carlisle, Pa.					
Samuel H. Cohick	Newville, R. 2	12.01	Mix.	10,289	388.4
Eugene S. Dunlap	Shippensburg, R. 1	12.32	RGr:PG	7,556	366.6
Talinona Farms	Bowmansdale	16.00	RG	7,682	360.2
George W. Strock	Mechanicsburg, R. 3	14.73	GrG	7,442	355.2
Diller I. Lehman	Carlisle, R. 4	15.35	RH	9,373	333.7
David Rider	Mechanicsburg, R. 1	17.32	R:GrH	9,448	332.7
Fred L. Heberlig	Newburg, R. 1	13.90	R:GrH	9,191	327.9
Ira Zimmerman	Carlisle, R. 1	12.67	GrG:GrH	7,344	315.3
Chester L. Smith	Shippensburg, R. 1	18.85	RH	9,256	311.0
Baldwin Brothers	Carlisle, R. 3	13.48	GrH	8,553	302.2

DAUPHIN COUNTY**Dauphin County D. H. I. A., Year Ending May 31, 1943**

Dean Dittsworth, Cletus G. Gerber; Testers; 4th Floor, Municipal Bldg., Harrisburg

A. H. Erdman	Elizabethville	25.00	R:PH	11,557	404.3
Otis R. Dodson	Harrisburg	35.71	RG	7,916	387.0
E. E. Koppenhaver	Elizabethville	17.00	RG	6,573	360.7
Dauphin Co. Home	Harrisburg	33.02	RH	9,990	348.4
Hbg. State Hospital	Harrisburg	110.74	RH	10,285	348.2
G. C. Saufley	Hummelstown	24.42	RJ	6,394	347.0
C. E. Cassel & Son	Hershey	42.31	RG	6,992	342.3
Casper Kohler	Harrisburg	7.94	R:GrG:A	7,597	341.3
Alva Saufley	Hershey	19.39	RJ	6,559	333.2
Paul Grimm	Hershey	7.25	RG	6,829	315.2
Lehman Zeager	Middletown	14.15	R:GrH	8,917	312.5
Hershey Ind. School	Hershey	225.55	R:GrH:G	8,379	310.8
J. Byron Oellig	Grantville	22.35	R:GrG	6,635	310.8
George E. Coover	Linglestown	11.87	RH	8,962	308.3
Samuel B. Williams	Middletown	38.44	R:GrJ	6,111	308.3
H. A. Stine	Linglestown	9.07	R:GrH	7,195	300.3

ELK COUNTY**Elk County D. H. I. A., Year Ending April 30, 1943**

Paul Hemphill, Tester, Coudersport, R.D., Pa.

H. J. Gregory	Ridgway	36.84	R:GrH	9,463	356.1
E. J. Grotzinger Estate	St. Mary's	41.20	R:GrJ	6,026	352.9
John Bauer	Emporium	18.88	R:GrH	9,848	348.8
W. J. Youngdahl	Ridgway	19.04	R:GrG	7,177	344.8
A. Larson & Son	Ridgway	20.24	Mixed	8,370	340.4
Elmer Anderson	Ridgway	27.69	R:GrH:R:GrG	8,199	301.8

ERIE COUNTY**Erie County D. H. I. A., Year Ending April 30, 1943**

J. Lynn Powell, Mrs. Verna Jensen; Testers; Court House, Agric. Ext., Erie Wattsburg, Penna.

Glenn Steves	Waterford	8.20	RH	12,809	493.2
John Brooks	Harborcreek	25.17	RG	8,678	418.0
H. H. Marsh & Son	Waterford	26.10	R:GrH	10,887	398.6
Arthur Morris	Corry, R.D. 4	10.58	GrH	11,033	370.1
Hazen Follett	Corry, R.D. 3	19.47	RH	11,191	368.0
James Steen	Waterford	10.11	GrH:Mix.	9,394	360.0
Earl Rockwell	Union City	26.78	RH	10,154	358.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
William D. Hopkins	West Springfield	23.00	RH:RG:RJ	8,366	357.2
Charles H. Bush	Wattsburg	16.44	GrH	9,226	356.0
William A. Warnhuis	Edinboro	9.17	P:GrG	7,368	348.2
A. C. Harwood & Son	Wattsburg	14.23	RH	9,879	347.1
Harold Howard	Corry	11.03	GrH	9,704	333.3
Walter Wright	Waterford	31.68	GrG:Mix.	7,804	333.1
George Robinson	Wattsburg	34.37	R:GrH	8,960	322.0
County Home Farm	Girard, R.D. 3	26.56	GrH	9,257	320.0
James A. Steadman	McKean, R.D. 1	11.08	GrH	8,517	319.8
Harold A. Trask	McKean, R.D. 1	15.09	R:GrH	8,730	314.7
Howard Hopson	Wattsburg, R.D. 3	18.33	R:GrH	8,664	312.1
Otto Allen	Union City, R.D. 1	11.19	GrH:GrG	7,862	311.4
Carl Martin	Wattsburg, R.D. 2	14.54	GrG:H	7,865	307.5
Howard R. Yost	Wattsburg, R.D. 2	22.19	GrG	6,340	304.8
Margaret O'Neil	Union City, R.D. 4	24.16	GrG:H	7,756	303.1
Gaylord Skelton	Edinboro	6.95	GrH:Mix.	7,992	301.3

FAYETTE COUNTY**Fayette Co., Elizabeth D. H. I. A., Year Ending May 31, 1943**

Mildred L. Moose, Tester, c/o Co. Agents Office, Court House, Uniontown, Penna.

B. L. Miller & Son	Acme	13.08	R:GH	12,323	443.8
Frank McKinney	Elizabeth	19.30	RH:R:GrG	10,887	402.3
T. W. Gans & Son	Gans	27.88	R:GrH:R:GrG	9,765	391.6
J. E. Lynn & Son	Vanderbilt	25.89	R:GrG	8,258	381.2
Fayette County Home	Uniontown	27.75	RH	10,880	367.6
A. C. Speyer	Mill Run	23.01	Mixed	7,281	351.7
Walter B. Scott	R.D. #2, Elizabeth	31.64	RH	9,892	347.0
Arnold Brothers	Vanderbilt	12.62	R:GrH	10,054	345.8
Grover Work	Mill Run	18.45	R:GrG	7,594	343.1
G. M. Griffin & Son	Smock	11.25	GrG	6,985	340.3
Parshall Farm	McClellandtown	33.17	R:GrH	8,846	337.6
Mrs. S. O. McCormick	New Salem	24.50	R:GrH	9,510	337.2
E. Barron Douglass	R.D. #2, Elizabeth	9.13	R:GrH	8,601	332.0
C. H. Baker	Box 243, Uniontown	37.73	R:GrG	7,287	328.2
George G. Gault	Dawson	20.71	R:GrG	6,888	327.4
Arthur Friend	Mill Run	7.15	R:GrG	7,060	322.5
Henry Hofmeister	R.D., Elizabeth	14.90	Mixed	8,186	319.3
H. S. Garner	Uniontown	43.56	R:GrG:R:GrH	7,329	311.9
Cook Brothers	Belle Vernon	21.06	R:GrG	6,705	309.7
Jacob Guffey	R.D., Elizabeth	19.02	RH	8,309	306.3
Rush Brothers	Scottdale	19.54	R:GrG	6,805	303.4

FOREST COUNTY**Forest County D. H. I. A., Year Ending August 1, 1943**

Arthur Kirkpatrick, Tester, Clarion, Pa.

Forest Co. Home	Tionesta, Pa.	8.11	GrG	7,054	373.3
James Raymond Allio	Newmansville, Pa.	9.53	GrJ:GrG	6,895	350.4
Cropp Farm Products	Tionesta, Pa.	30.89	Mix.:GrG	7,031	345.8
Howard Harp	Marienville, Pa.	9.38	GrH:GrG	6,997	319.6
Lallich & Gregceovich	West Hickory, Pa.	26.15	GrH ¹ / ₂	7,113	308.7

FRANKLIN COUNTY**Central Franklin D. H. I. A., Year Ending Sept. 30, 1943**

Richard D. Martin, Tester, Broad Top, Pa.

Norman Myers	Greencastle, R.D. 1	17.66	RH	10,605	380.2
David Garber	Chambersburg, R.D. 1	25.49	Gr:RH	10,370	376.1
Nelson Myers	Greencastle, R.D. 1	20.79	RH	10,707	363.4
Chas. S. Andrews	Chambersburg, R.D. 2	20.13	RH	9,586	357.2

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Howard F. Lehman	Chambersburg, R.D. 2	25.16	RH	10,041	353.8
Glenn Rebuck	Waynesboro, R.D. 3	10.92	RH	9,730	352.2
Abram Benedict	Chambersburg, R.D. 1	20.13	GrG	7,625	342.0
Howard D. Gingrich	Greencastle, R.D. 3	16.57	RH	9,774	338.3
Alvan H. Brechbill	Chambersburg, R.D. 6	26.5	R:GrH	9,678	337.4
S. R. Shindle	Greencastle, R.D. 1	22.64	GrG	6,500	309.8
J. M. Statler & Son	Chambersburg, R.D. 6	22.87	R:GrH:Mix.	8,796	308.8

Southern Franklin D. H. I. A., Year Ending June 30, 1943

R. G. Miller, Tester, Chambersburg, Pa.

Penn Hall*	Chambersburg	14.35	RH	14,100	536.8
C. Sharpe Karper	Shippensburg, R.D. 3	21.20	R:GrG	8,538	426.7
William Wadel	Chambersburg, R.D. 1	12.39	RH	10,618	388.3
W. F. Barkdoll	Waynesboro, R.D. 1	37.93	RA	9,113	387.4
Good Acres	Fayetteville, R.D. 1	62.69	RA	9,077	383.3
Harry E. Brown	Fairfield	13.00	RH	10,014	379.7
James F. Dayhoff	Waynesboro	35.70	R:GrG:GrJ	7,331	356.0
Penna. State Soldiers					
Orphan School	Scotland	26.96	R:GrH	9,401	335.2
Ira Shank	Waynesboro, R.D. 1	18.92	Mixed	7,369	320.6
Stanley Johnston	Waynesboro, R.D. 4	40.09	RA	7,661	318.7
Charles F. Miller	Greencastle, R. 3	43.72	RH	8,966	309.6
J. L. Shoemaker	Hagerstown, Md. R.D. 5	40.93	GrG	6,107	307.8

*Herd milked three times daily.

Western Franklin D. H. I. A., Year Ending Sept. 30, 1943

Richard D. Martin, Tester, Broad Top, Pa.

Arthur A. Brenize	Newburg, R.D. 1	7.04	P:Gr:RH	11,074	412.4
B. H. Welty	Waynesboro, R.D. 4	19.08	RG	7,808	404.3
W. Paul Mummert	Chambersburg, R.D. 1	17.19	R:GrG	8,067	398.4
James A. Heckman	Greencastle, R.D. 2	9.53	R:GrG	7,541	389.0
M. H. Hawbaker & Son	Chambersburg, R.D. 3	28.77	R:GrG	8,249	383.0
R. A. McCauley	Hagerstown, R.D. 4	10.86	R:GrG	7,727	372.5
Dr. H. S. Arthur	Ft. Loudon	38.14	R.G.	7,422	372.4
J. Fred Davison	Chambersburg, R.D. 5	14.44	RH	9,739	371.0
J. W. Hoffeditz & Sons	Mercersburg, R.D. 1	28.11	R:GrG	7,947	363.9
J. Luther Hall & Son	Shippensburg Star Rt.	16.33	RA:GrG	8,155	355.9
Albert Nusbaum	Fannettsburg	15.63	GrG	7,297	355.3
Roy K. Lehman	Shippensburg, R.D. 3	14.54	R:GrG	7,346	340.9
John H. Martin	Smithsburg, R.D. 2	20.72	R:GrG:GrH:J	6,698	318.7
John B. Grove	Shippensburg, R.D. 3	17.60	RH:GrG:GrH	8,599	317.8
J. Harlan Frantz	Waynesboro, R.D. 4	20.07	RG	6,363	316.3
Herman P. Hege	Chambersburg, R.D. 1	31.69	R:GrG	6,598	306.3
Wesley Heckman	Mercersburg, R.D. 1	16.24	Mix.	7,736	301.2

HUNTINGDON COUNTY

Huntingdon County No. 1 D. H. I. A., Year Ending May 31, 1943

Frank J. Hindman, Tester, Pike Street, Huntingdon, Pa.

H. S. Hicks and Son	R. 4, Tyrone	27.24	R:GrBrSw	9,958	416.7
W. H. Woolverton	Alexandria	20.53	RG	7,961	394.7
D. D. Strickler	Huntingdon	22.89	GrG	8,006	391.0
Pa. Ind. School	Huntingdon	35.51	RH	10,456	378.2
H. E. Grazier	Warriors Mark	14.78	RBrSw	9,679	377.3
J. E. Hindman	R. 4, Tyrone	39.61	RG	7,458	370.8
D. F. McMahon	R.D., Spruce Creek	16.82	GrG:GrH	8,983	368.4
J. E. Houck	R.D., Spruce Creek	28.18	RJ:Mix.	7,793	359.1
P. L. Harpster	R.D., Spruce Creek	48.48	R:GrG	7,788	357.9

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Elmer J. LaPorte	Alexandria	18.05	R:GrG	7,303	350.4
G. H. Coffman	R.D., Alexandria	13.85	Mixed	7,867	340.4
R. F. Brown	Mill Creek	17.33	GrG	7,206	339.7
W. J. Altmanshofer	R. 1, Huntingdon	13.37	R:GrG	7,429	339.3
E. G. LaPorte	Alexandria	30.32	R:GrG	6,351	338.4
C. R. Robb	Huntingdon	16.35	Mixed	7,948	334.8
John W. Newlin	R.D., Spruce Creek	29.81	R:GrH:R:GrJ	8,145	331.1
Porter Brown	Mill Creek, R.D.	9.20	GrH:GrG	7,889	310.8
W. C. Henderson	Alexandria	15.56	R:GrBrSw	7,929	310.1
M. C. Smith	R.D., Mill Creek	28.30	R:GrH	8,602	305.1
B. R. Byler	R.D., Mill Creek	11.82	R:GrH	8,863	304.0

Second Huntingdon County D. H. I. A., Year Ending August 31, 1943

Kenneth Wilson, Tester, R. 1, Shirleysburg, Pa.

Elmer Harper	Shirleysburg	10.91	RG	8,642	457.7
Allen Knode	R. 1, Huntingdon	15.08	R:GrG	8,181	432.7
Homer Beachy	R. 1, Hesston	14.93	R:GrSw:Mix.	8,252	373.4
Clair Gutshall	Aitch	8.33	Mixed	7,735	359.5
Blaine Rumberger	Warriors Mark	10.00	GrH	9,731	353.0
Ralph Williams	Warriors Mark	20.96	RH	9,898	348.7
Donald E. Neff	Warriors Mark	19.14	R:GrH:Mix.	8,269	338.3
Walter Wright	Star Rt., Huntingdon	11.85	GrG	6,647	337.9
Rufus Carper	Warriors Mark	11.23	GrG:Mix.	7,081	336.1
Norman McClain	Robertsdale	15.28	R:GrJ:Mix.	6,662	329.9
Dwight McCialn	St. Rt., Huntingdon	24.02	GrG	7,272	328.3
William Shultz	Aitch	8.89	Mixed	6,994	318.9
Albert Swope	R.D., Huntingdon	10.98	GrG	6,369	314.3
Susam Lecrone	R. 1, Alexandria	20.20	R:GrH	8,800	310.5

INDIANA COUNTY

Indiana Co. #1 D. H. I. A., Year Ending May 31, 1943

Carl Johnston, Tester, Room C, Court House, Indiana, Pa.

C. C. Pollock	Marion Center, Pa.	8.08	R:GrJ	8,201	454.1
Clyde Houck	Clymer, Pa., R. 1	11.49	RJ	7,673	415.3
H. N. Hyskell	Smicksburg, Pa.	9.95	GrG	9,347	412.2
Torrance State Hospital*	Torrance, Pa.	90.19	RH	12,774	411.3
Carl Walker	Marion Center, Pa.	16.34	RJ	7,213	405.9
Walter Simpson	Marion Center, Pa.	14.49	R:GrJ	7,721	403.5
H. M. Travis	Smicksburg, Pa.	20.73	RG	7,681	402.4
Charles Beatty	Indiana, Pa., R. 1	10.05	RG	8,547	396.0
Robert C. L. Shumaker	Blairsville, Pa.	14.48	R:GrH:Mix.	10,407	382.8
W. F. Barkley	Livermore, Pa.	14.74	R:GrG	7,658	380.8
George Gerhard	New Derry, Pa.	18.27	R:GrH	11,191	380.2
I. M. Speedy	Livermore, Pa.	15.63	R:GrG	7,390	379.1
G. C. Swan	Home, Pa., R. 1	10.24	R:GrJ	7,192	372.1
M. W. Hyskell	Smicksburg, Pa.	14.01	R:GrG:Mix.	8,156	370.4
John S. Rankin	Indiana, Pa.	9.81	P:GrJ	6,510	369.4
Indiana County Home*	Indiana, Pa.	25.53	RH	11,503	363.9
J. S. Cornell	Blairsville, Pa.	26.81	RH	10,808	359.6
H. H. Wetzel	Marion Center, Pa.	13.48	R:GrJ	6,770	350.8
W. Paul Walker	Marion Center, Pa.	9.87	RJ	6,443	350.2
R. N. Ewing	Livermore, Pa.	20.13	GrG	7,751	350.0
Walter Ewing Est.	Saltsburg, Pa.	14.78	PG	7,319	350.0
Roy M. Ewing	Livermore, Pa.	16.91	GrH:GrG	9,295	346.3
I. E. Pound	Indiana, Pa., R. 1	12.78	R:GrH:GrG	9,115	346.3
E. B. & W. S. Wetzel	Marion Center	11.51	R:GrJ	6,563	340.1
C. S. Gerhard	Blairsville, Pa.	20.52	RH	10,471	336.9
Quay McMillen	Clymer, Pa., R. 1	10.57	R:GrJ	5,843	329.0
E. G. Rice	Clymer, Pa., R. 1	7.67	R:PJ	6,609	324.3

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Clarence D. Bence	Marion Center, Pa.	22.88	R:GrJ	6,460	324.3
H. H. Barnhart, Jr.	Livermore, Pa.	24.09	P:GrH:Mix.	8,319	324.1
H. B. Wetzel	Marion Center, Pa.	10.63	R:GrJ	6,105	321.6
W. C. McMillen	Home, Pa., R. 1	16.62	R:GrJ	6,358	319.5
J. C. Greene	Clymer, Pa., R. 1	8.44	RJ	6,113	315.5

*Herd milked three times daily.

Indiana Co. # 2 D. H. I. A., Year Ending May 31, 1943

Wendell Wetzel, Tester, Homer City, Pa.

W. D. Mack	Armagh, Pa.	7.00	RJ	8,511	482.4
John C. Mohney	Punxsutawney, Pa.	38.95	GrJ	7,787	456.0
William G. Campbell	Armagh, Pa.	11.15	RJ	7,851	435.7
Harry Pounds	West Lebanon, Pa.	13.74	R:GrG:Mix.	8,415	433.7
F. L. & G. M. Mohney	Summerville, Pa.	12.95	R:GrJ	7,364	429.5
Marshall Bros.	Byer, Pa.	25.27	RH	12,013	415.9
J. P. Martin	Blairsville, Pa.	19.90	R:GrJ:R:GrH	9,256	413.9
Clyde McConaughy & Son	Smicksburg, Pa.	15.10	RJ	7,998	401.7
Mrs. Maude Neigh	Smicksburg, Pa.	14.84	GrG	8,506	401.4
W. H. Wood	Shelocta, Pa.	11.93	R:PH	11,633	398.9
J. Angus Wilson	Punxsutawney, Pa.	11.87	RJ	7,087	397.0
Clifford H. Hughes	Rochester Mills	17.50	R:GrG:Mix.	7,957	395.3
Horace J. Ellenberger	Indiana, Pa.	10.89	R:GrH	10,361	395.2
Glenn H. Coleman	test Lebanon, Pa.	9.32	R.G.	7,790	393.4
L. W. Robinson, Jr.	Indiana, Pa.	7.39	R.G.	7,955	393.1
J. M. & L. L. Steffy	Dayton, Pa.	16.59	R & Gr. H & Gr. G.	10,655	378.1
Paul S. McFarland	Shelocta, Pa.	8.64	R.G.	7,229	372.8
James A. Paterson	West Lebanon, Pa.	14.47	R & Gr. G.	7,150	365.2
Ira E. Gibson & Son	Blairsville, Pa.	9.19	Gr. J.	7,079	358.2
Ralph M. Sadler	Punxsutawney, Pa.	9.41	R.J.	6,895	356.4
Earl L. Glasser	Marion Center, Pa.	11.40		6,243	349.2
Harvey T. Fleming	Livermore, Pa.	16.62	R & Gr. H.	9,307	347.4
Wilbur W. Compton	Livermore, Pa.	15.90	Gr. G.	6,986	343.6
A. B. Grffiy	West Lebanon, Pa.	11.67	R & Gr. G.	6,768	335.4
James Lynch	New Florence, Pa.	19.31	R & Gr. G.	6,808	331.1
Nichol Turkey Farm	Indinana, R. 3.	17.41	R. H.	9,677	324.1
Harry O. Kimmel	Shelocta, Pa.	27.44	R. H.	9,414	319.8
John A. Cribbs	Livermore, Pa.	12.68	R & Gr. G.	6,102	319.6
Wm. C. Giffen	Blairsville, Pa.	22.00	Gr. G & Mix	7,467	316.8

Indiana Co. #3 D. H. I. A., Year Ending May 31, 1943

Richard Black, Tester, Room C, Court House, Indiana, Pa.

Dale B. Crawford	North Point, Pa.	10.26	R:GrG	8,436	456.5
J. Mack Hood	New Florence, Pa.	17.70	RJ	7,868	414.0
Earl L. Marshall	Smicksburg, Pa.	10.44	RH	11,867	407.6
John G. Henderson & Sons	Edri, Pa.	15.31	R:GrG	8,620	404.7
Bessie K. Hamilton	Home, Pa., R. 1	19.48	R:GrJ	7,999	396.5
Ralph S. Nichol & Sons	Home, R. 1	9.34	RH:GrJ	9,022	386.2
Mark Anthony	Marion Center, Pa.	18.48	R:GrJ:Mix.	7,809	384.8
Paul Henry	Commodore, Pa.	9.95	R:PJ	7,096	384.5
R. H. Dilts & Son	Marion Center	19.54	Mix.	8,034	378.0
Walter D. Black	Marion Center	9.93	R:GrJ	6,788	378.4
S. Quay Overdorff	Indiana, Pa., R. 4	10.62	R:GrG	7,175	376.8
E. R. Shearer	Saltsburg, Pa.	13.72	R:GrG	7,306	376.0
Roland M. Smith	Marion Center	15.22	R:GrG	8,659	369.8
Sara W. Avey	Marion Center, Pa.	9.09	GrJ	5,800	363.0
George C. Baker	Commodore, R. 1	10.22	RJ	6,589	362.7
R. V. McNutt	Homer City, Pa.	9.75	R:GrG	7,346	355.4
Harry R. Couch	Shelocta, Pa.	14.84	R:PJ	6,385	345.9
Mabon Hood	New Florence, Pa.	19.52	R:GrJ	6,825	343.5
Wilbur Black	Marion Center, Pa.	9.76	GrJ	6,467	338.7
Frank B. Lowry & Son	Marion Center	10.88	R:GrJ:Mix.	6,329	330.6
Carl Wallace	Home, Pa.	12.25	R:GrJ	6,208	327.5

JEFFERSON COUNTY

First Jefferson D. H. I. A., Year Ending June 30, 1943

Andrew Gilmore, Raymond Speedy, Testers, Brookville

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
J. O. Harding	Brookville, #5	11.76	RG	9,333	445.3
N. M. Dinger	Oliveburg	11.76	G:RH	10,846	384.4
J. P. Winslow	Brookville	8.76	R:GrG	7,817	373.5
Paul Greenwalt	Brookville, 1	14.23	R:CG	7,039	383.4
Hall's Dairy	Baxter, 1	32.79	P:GJ	7,250	358.5
Meade Buhite	Reynoldsville, 3	14.78	R:CG	6,963	354.3
E. E. Swineford	Reynoldsville, 1	24.55	RJ	6,990	352.2
M. E. Neiger	Brockway, 2	8.92	GH	10,076	348.4
Byron Anthony	Punxsutawney, 5	27.37	R:GJ	6,365	346.4
J. O. Weaver	Brookville, 2	6.00	RG	7,034	344.0
Arthur B. Bullers	Brookville, 1	12.05	RG	6,197	341.7
H. F. Uplinger	Reynoldsville, 3	11.98	R:GJ	5,961	322.8
Clover Douthit	Reynoldsville, 3	8.26	CG	6,675	316.9
Glenn V. Syphrit	Reynoldsville, 3	10.10	R:CG	5,957	315.7
John L. Dickey	Reynoldsville, 3	13.35	R:GrG	5,918	311.6
Irvin's Dairy Farm	Big Run	36.01	RG	6,395	309.0
W. D. Fitzsimmons	Baxter, 1	12.87	R:GBS	7,787	307.4
Dick Shields & Sons	Summerville, 1	14.11	R:GJ	6,144	307.3
G. A. Mengle	Brockway	29.27	RG	6,362	301.9
G. O. Schuckers	Brookville, 1	14.05	RH:RG	8,153	300.0
Enlow Smith	Falls Creek	7.78	R:CG	6,471	300.0

JUNIATA COUNTY

Juniata Co. D. H. I. A., Year Ending Sept. 30, 1943

Dorvin D. Fortner, Tester, Mifflintown, Pa.

Boyd E. Shirk & Son*	Mifflintown	12.47	RH	16,453	590.4
Theorous Kauffman & Son*	Mifflintown	16.44	RH	13,408	466.0
D. Q. Adams	Mifflintown	14.32	RH	12,353	434.3
J. W. Sieber & Son	McAlisterville	14.17	RH	12,048	402.8
T. Furman McClure	Port Royal	13.26	RH	11,296	394.1
Elmer Dolin & Son	Mifflin	11.88	RH	11,419	392.9
Charles B. Hostetler*	Mifflintown	11.22	R:GH	12,100	391.6
Karl A. Fettig	Port Royal	10.10	RH	10,930	385.9
Musser & Stuck	Oakland Mills	10.76	RH	11,112	378.0
Dale H. Henry	Mifflintown	16.22	RH	10,764	366.9
R. W. Bashore & Son*	Thompstontown	12.10	R:GH	10,647	364.2
Blair R. Gray	Honey Grove	17.33	R:GG	7,618	359.6
H. F. Sarver & Sons	Port Royal	20.24	R:GH	10,221	355.6
Lloyd R. Brubaker	Mifflintown	5.32	RH	8,802	347.6

*Herd milked three times daily.

Ray McCahan	Mifflin	13.33	RH	9,246	320.4
Herbert M. Shearer	Perulack	9.49	RA	8,120	320.4
D. T. Long	Mifflin	18.56	R:GH	8,677	315.7
J. E. Peoples	Mifflintown	15.65	R:GH	8,445	309.4
H. I. Gray & Son	Honey Grove	22.94	RH	8,962	307.9
Harry Cleck	Port Royal	10.83	R:GH	9,190	307.8
Holmes E. Groninger	Port Royal	16.84	RH	8,864	306.5

LACKAWANNA COUNTY

Lackawanna D. H. I. A., Year Ending Sept. 30, 1943

Donald Hindman, Tester, Waverly, Pa.

Glenn Spencer	Pittston, R. #1	12.08	GrG	7,810	413.1
C. W. Carpenter	Clarks Summit, R. 2	11.25	R:GrG	7,937	374.4
Leonard Hertneck	Moscow	21.48	RH	10,405	373.3

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
M. E. Northrup	Dalton, R. #2	23.07	RH:RJ	9,936	373.2
Mary S. Jermyn	Clarks Summit	9.18	GrG	8,253	362.1
Miller Bros.	Clarks Summit	25.39	RH	10,044	357.3
C. J. Spencer	Dalton, R. #1	24.65	RH	9,529	338.6
C. Landsiedel	Dalton, R. #2	12.23	R:GrH	9,837	335.4
T. M. Kresge	Falls, R.D.	25.34	Gr:RH	9,759	334.0
T. W. McLain & Son	Moscow	51.30	GrH:GrJ	8,988	333.5
Floyd Rosiak	Nisholson, R. #1	26.53	RA	7,955	332.4
V. B. Colvin	Dalton, R. #1	14.03	R:GrH	9,254	323.2

LANCASTER COUNTY

Red Rose D. H. I. A., Year Ending May 31, 1943

Clara Lyons, Virgie Heisey, Mary Z. Musser, Rena K. Burkholder; Testers; c/o County Agent's Office, Post Office Bldg., Lancaster, Penna.

H. Leroy Welk*	Strasburg	15.66	R:GrH	13,933	482.1
Harold Book**	Ronks	29.12	RH	12,843	463.3
John H. Shirk	Lititz	25.35	RH	12,556	440.9
Red Rose Farms	Lancaster	30.12	RH	11,181	436.5
Ira M. Eby & Son	Gordonville, #1	23.22	RH	12,369	430.6
R. John Dost	Honey Brook	14.01	R:GrH	12,163	427.0
Lewis E. Shoemaker	Kirkwood	28.28	R:GrH:GrG	9,786	426.6
Sylvanus Stoltzfus	Elverson	24.23	RH	11,939	415.4
Henry M. Hess	Mount Joy	19.23	RH	11,418	408.2
Paul A. Rie	Honey Brook	38.96	R:GrJ	8,649	399.0
Job Stoltzfus	Elverson	23.28	RH	10,934	397.0
Harry Welk*	Strasburg	14.77	RH	11,337	396.7
Elvin Hess*	Strasburg	22.16	RH	11,084	396.2
Harry L. Griffith	Quarryville, #3	9.06	RH	10,948	391.1
Hartz & Glass***	Elverson	30.82	RH	11,205	383.0
Harry Ranck	Ronks	17.06	RH	10,630	381.5
Naaman Stoltzfus	Elverson	26.93	RH	10,888	381.5
John A. Styer	East Earl #1	36.45	RH	10,748	381.1
Jacob Breneman	Willow Street	49.28	R:GrG	7,523	377.2
Clair Witmer	Willow Street	45.84	RG	7,858	374.7
Aaron Glick	Lancaster, #4	17.99	RH	10,799	371.6
David Breckbill	Lancaster, #4	12.70	R:GrG	7,727	371.4
J. Mowery Frey	Lancaster, #4	31.88	R:GrH	10,468	368.7
H. E. Roper	Kirkwood	22.17	RG	7,704	367.1
E. E. Brubaker	Bird-in-Hand	27.94	RH	10,965	366.4
H. H. Haverstick	Kirkwood	34.55	RG	7,742	363.4
Earl L. Groff	Strasburg	19.32	RH	10,398	362.4
C. S. Wolf	Quarryville	17.20	RG	7,898	359.8
Ezra Martin	Ephrata #1	17.60	RH	10,748	356.3
Aaron Riehl	Lancaster	17.27	R:GrG	7,225	355.8
Isaac Hershey, Jr.	Paradise	26.30	RH	10,374	354.9
Abram Wolff	Quarryville	14.58	RG	7,233	345.9
Henry M. Seidhof	New Holland, #2	22.90	RH	10,227	344.6
Elias Musser	Mount Joy	21.61	RH	9,927	341.0
J. E. Mast	Lancaster	27.35	GrG	6,929	338.2
Jacob Houser	Lampeter	12.66	RH	9,555	338.1
Dr. James S. Hogg	Oxford	38.23	R:GrG:R:GrJ	7,017	336.4
Donald E. Weicksel	Christiana	24.31	RG	6,767	334.0
Paul Longenecker	Strasburg	19.16	RH	9,280	332.4
Harry Brubaker	Lancaster	26.98	RH	10,072	331.9
Harry Zook	Lancaster	23.45	RH	10,034	331.4
C. Stanley Hess	Lancaster, #2	32.44	R:GrG	7,740	329.2
J. Z. Herr	Elizabethtown	18.71	RH	9,654	319.5
Samuel Martin	East Earl	18.85	R:GrH	9,249	314.2
Jacob S. Horst	Lititz, #3	21.69	RA	7,837	313.3
J. T. Hastings	Kirkwood	47.52	RG	6,593	307.9

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Ellis K. Mentzer	New Holland, #2	26.50	RA:Mix.	7,865	306.1
Oakryn Farms	Nottingham	35.88	R:GrG	6,544	305.0
Paul L. Denlinger	Lancaster, #5	15.15	GrH	8,436	304.1
Amos Shelly	Manheim	17.78	RH	8,593	301.1

*Part of herd milked three times daily.

**Part of herd milked three times daily for 8 mos.

***Part of herd milked three times daily for 4 mos.

LAWRENCE & BEAVER COUNTIES

Lawrence County D. H. I. A., Year Ending August 31, 1943

Lloyd Ranck, Delmer Boyce; Testers; P. O. Box 119, New Castle, Pa.

John F. Bridwell	R. 1, Pulaski, Pa.	6.68	RG	9,109	433.7
Harris McClelland	R. #7, Mahoningtown, Pa.	24.60	GrJ	8,273	410.3
J. C. Shoemaker	R. 2, Enon Valley, Pa.	20.84	RP:GrJ	7,454	387.3
John Hoyer	R. 2, Enon Valley, Pa.	15.72	RP:GrJ:RA	7,763	381.8
McChesney Bros.	R. 1, New Galilee, Pa.	23.19	GrH:GrJ	8,960	372.9
N. E. Sampson	R. 3, Volant, Pa.	14.15	RJ	6,583	369.6
Arnold Bros.	R.D., Beaver Falls, Pa.	12.14	RG	7,673	366.2
F. W. Ferris	R. 2, New Wilmington, Pa.	9.60	R:GrG	7,431	365.3
W. T. Hogue	R. 1, Ellwood City, Pa.	24.19	RP:GrJ	7,532	363.5
Lauren Thompson	New Wilmington, Pa.	15.51	RJ	7,421	362.8
W. R. Fox	R. 2, Enon Valley, Pa.	26.59	RG	7,133	361.4
C. T. Douthitt	R. 2, Darlington, Pa.	16.57	R:GrH	9,856	348.8
Kenneth R. Brenner	R. 1, Rochester, Pa.	22.14	RH	9,979	336.9
Lloyal Smith	R. 3, Volant, Pa.	15.13	RP:GrG	7,249	336.8
D. H. Brenner	R. 1, Rochester, Pa.	16.47	RH:PH:GrH: Mixed	8,406	332.8
John Benson	R. 7, Mahoningtown, Pa.	19.67	RH	10,234	321.9
Bonnie View Farm	R.D., Beaver Falls, Pa.	12.74	RG	6,564	320.0
R. R. Douglas & Son	R. 1, Enon Valley, Pa.	22.23	GrJ	6,638	319.4
J. H. Wilson & Son	R. 2, Wampum, Pa.	17.85	R:GrG	7,592	319.3
Frank C. Brown	R.D. 3, Slippery Rock, Pa.	17.17	GrJ:G	6,422	316.6
H. L. McCurley and A. McConnell	R. 1, Enon Valley, Pa.	12.39	RP:GrJ	5,697	310.0
W. G. Lockhart	R. 5, New Castle, Pa.	16.66	RP:GrG	6,802	305.9
Wm. W. McCombs	R. 7, New Castle, Pa.	17.48	RP:GrJ	5,817	304.9
F. W. Byers	R. 1, Petersburg, Ohio	35.40	RP:GrJ	6,240	302.4

LEBANON COUNTY

Lebanon County D. H. I. A., Year Ending June 30, 1943

Enos Heisey, Tester, Sheridan, R. 1

Henry M. Ebersole	Lebanon, R. 5	15.40	RH	12,631	427.7
Fairview Farms*	Cornwall	66.13	RG	7,967	386.7
Howard Weiss	Lebanon, R. 1	24.57	GH	10,979	378.8
Ivan Martin	Ephrata, R. 1	14.93	RH	10,791	368.5
Dr. J. R. Monteith	Annville	16.80	RH	11,167	365.2
Charles Hackman	Ephrata, R. 1	14.47	RA	8,392	358.6
Jacob N. Smith*	Annville, R. 1	30.25	RG	7,589	343.5
Hubert S. Miller	Myerstown, R. 2	24.08	RH	10,404	342.8
John Gible	Myerstown, R. 2	23.22	R:GH	9,750	334.0
F. L. Heilman & Son	Lebanon, R. 4	21.25	RH	9,492	331.4
Harry Forney	Palmyra	28.15	G:H	7,403	329.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Raymond Gible.....	Myerstown, R. 2	35.32	RA	8,223	316.1
J. Donald Rank.....	Richland, R. 1	36.06	RH	9,595	315.7
Ammon Brubaker.....	Myerstown	28.87	RH	8,813	306.6
Homer Fink.....	Annaville	14.47	RH	9,082	304.1
David Snyder.....	Sheridan	16.69	R:GH	8,324	300.0

*Herd milked three times daily.

LEHIGH & NORTHAMPTON COUNTIES

Lehigh-Northampton D. H. I. A., Year Ending Feb. 28, 1943

Victor Plastow, Tester, 445 Hamilton St., Allentown

L. A. Zimmerman*.....	R. 2, Lehigh, Pa.	23.96	RH	19,284	692.8
Willow Brook Farms.....	Catasauqua, Pa.	46.59	RG	8,871	436.0
Wm. Steigerwalt.....	R. 1, Lehigh, Pa.	18.37	RH	11,683	426.7
Carbon County Home.....	R. 2, Weatherly	22.11	GrH	11,958	399.2
Gehman Dairy Farm, Inc.**	Macungie	49.05	RH	10,670	376.2
F. C. Behrens & Sons.....	East Mauch Chunk	37.31	GrH:GrG	9,357	374.3
P. G. Lichtenwalner**.....	R. 1, Emmaus	31.65	RH	10,539	371.8
Victor R. Handwerk.....	R. 1, Walnutport, Pa.	10.84	RH	10,514	361.2
Weyhill Farm.....	R. 4, Bethlehem, Pa.	63.30	RH:RG	8,982	355.8
Allentown State Hospital.....	Allentown	73.07	R:GrH	10,865	352.4
C. A. Lichtenwalner.....	R. 1, Macungie	11.48	R:GrH	10,430	350.4
Trexler Farms.....	R. 1, Emmaus	34.28	R:GrH:RG	7,931	343.3
Clark Stroup.....	R. 1, Palmerton	36.77	R:GrH	9,076	325.1
Lehigh County Home.....	R. 2, Allentown	26.47	R:GrH	8,805	316.7
M. B. Home Farm.....	Center Valley	40.10	RH	9,301	314.1
Mechling Farms***.....	Zionsville	37.28	R:GrG	6,264	308.1
Wenz Farm.....	Breiningville, Pa.	36.00	R:GrG:R:GrH	6,578	300.0

*Herd milked three times daily.

**Part of herd milked three times daily.

***Herd milked three times daily for 8 mos—eleven months record.

LUZERNE COUNTY

Luzerne D. H. I. A., Year Ending Feb. 28, 1943

Frank G. Horrocks, Tester, 5 Water St., Wilkes-Barre, Pa.

Sterling Farms.....	Alderson, R.D.	63.76	RG	9,832	486.3
Arthur Gay & Son.....	Dallas, R.D.	15.34	R:GrH	11,825	424.9
Col. Dorrance Reynolds.....	Dallas, R.D.	48.41	RG	8,572	419.4
Shoemaker Bros.....	W. Wyoming	25.85	RH	10,824	405.1
Geo. L. Rice & Son.....	Dallas, R.D.	14.84	RA	9,251	396.7
Corey Major.....	Dallas, St. Rt.	15.77	R:GrH:R:GrG	9,621	390.6
B. E. Smith.....	Pittston, R.D.	14.25	GrG:GrH	8,979	378.6
Lake Louise Farm.....	Trucksville, R.D.	28.81	R:GrG	7,534	352.9
H. B. Schooley.....	Dallas, R.D.	12.68	R:GrA	8,498	345.2
Luzerne Co. Inst. Dist.*.....	Retreat	54.43	RH	10,296	337.4
Danville State Hospital.....	Danville	109.97	GrH	9,827	336.2
H. E. Harris & Son.....	Pittston, R.D.	13.68	GrG	7,116	329.2
Hillside Farms, Inc.....	Trucksville, R.D.	48.76	TH:RJ	8,203	318.1
W. T. Payne.....	Dallas, R.D.	43.78	R:GrG:Gr	8,223	317.2
Melvin Mosier.....	Dallas, R.D.	19.79	RH:PJ	6,589	302.5

*Herd milked three times daily.

LYCOMING COUNTY

Lycoming D. H. I. A., Year Ending March 31, 1943

Alva Love, Montoursville, Pa.; Charles Keller, Harold Rieder, Williamsport, Pa.;
Testers

Lee Hanna.....	Montoursville	8.89	RH	12,555	459.2
H. A. Snyder.....	Montoursville	25.72	RH	12,656	450.4

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
C. H. Mantle.....	Nesbit	10.12	R:GrH	13,410	429.1
J. D. Lunger.....	Lairdsville	10.79	R:GrG	8,238	423.5
St. Ind. Home for Women*.....	Muncy	22.05	RH	11,946	412.5
J. L. Nicholson & Son.....	Muncy	13.73	RH	11,561	376.4
Carl W. Entz.....	Montoursville	10.17	GrG:Mix.	8,959	371.8
H. E. Neff.....	Linden	8.83	R:RG	7,415	361.6
D. E. Keller.....	Williamsport	11.27	R:GrH	10,988	360.2
W. C. Mutchler.....	Cogan Station	11.46	RH	10,436	358.2
Charles Tule.....	Muncy	19.52	R:GrH	10,116	356.0
W. D. Snyder.....	Cogan Station	22.20	RH	10,777	354.2
C. R. Yocum.....	Muncy	11.95	RJ	6,881	352.4
Mary M. Summerville.....	Jersey Shore	12.90	GrH	10,293	350.4
Herbert J. Shaffer.....	Jersey Shore	13.36	RH	10,505	348.2
W. B. Chaapel.....	Warrensburg	21.52	R:GrG	7,594	348.1
Fay Thompson.....	Williamsport	14.31	Mix	8,711	347.3
Grover Irion.....	Montoursville	10.30	RBrSw	8,568	344.1
Clifford Wetzler.....	Muncy	10.56	G:GrH	10,248	337.8
G. Fred Hampe.....	Nesbit	11.47	GrG	9,716	335.7
H. R. Paulhamus.....	Cogan Station	15.27	RH	9,370	333.8
C. L. Buss.....	Montgomery	11.33	RH	9,591	325.4
Fred M. Snyder.....	Cogan Station	24.01	R:GrH	9,451	313.3
Daniel Bosch.....	Montoursville	8.17	RG	6,107	312.8
Lyc. Co. Inst. Dist.....	Montoursville	15.84	RH	9,458	312.2
H. H. Yonkin.....	Montoursville	12.01	RBrSw	7,789	309.1
J. M. Munsheno.....	Jersey Shore	12.48	GrJ	6,463	307.3
W. C. Dunlap.....	Jersey Shore	12.69	R:GrH	8,100	303.5
A. J. Sealey.....	Allenwood	12.66	R:GrH	9,209	303.0
Guy Crist.....	Jersey Shore	13.76	R:GrH	8,359	301.8

*Herd milked three times daily.

McKEAN COUNTY

First McKean County D. H. I. A., Year Ending April 30, 1943

L. A. Buchanan, Tester, Smethport, Penna.

The King's Farm.....	Ludlow	18.29	RG	8,682	425.9
H. A. Thoran.....	Port Allegany	25.45	R:GrH	11,588	404.0
Kirkman Farms.....	Turtle Point	19.43	R:GrH	10,744	382.6
John W. Carlson.....	Port Allegany	13.12	R:GrJ	7,404	373.1
Albin Johnson.....	Kane	17.83	R:GrG:RH	8,272	367.4
P. W. Wiese, Alton Scutt.....	Ceres, N. Y.	12.95	GrH	10,619	361.7
Cawley Bros.....	Turtle Point	23.53	GrH	10,643	353.4
Emil Lundgren.....	Port Allegany	17.65	R:GrJ:GrA	7,381	346.0
Ideal Farms.....	Kane	58.52	RG	7,296	343.6
R. C. Carlson.....	Port Allegany	11.18	GrJ	6,643	340.6
Milford Nelson.....	Wrights	11.94	R:GrH	9,448	327.4
John Perry.....	Little Genesee	12.90	Mix.	7,707	325.8
Levine Nelson.....	Port Allegany	14.76	R:GrH	9,136	323.9
Mrs. L. Michelitsch.....	Port Allegany	15.59	GrJ	7,157	321.9
Wahlberg Bros.....	Kane	23.54	R:GrG:R:GrH	7,549	319.1
Glenn Dillenbeck.....	Turtle Point	16.95	R:GrAyr	7,568	313.8
G. L. Carlson.....	Turtle Point	34.74	R:GrH	8,946	305.3
McKean County Home.....	Smethport	14.89	R:Ayr	7,133	300.0

MERCER COUNTY

Grove City D. H. I. A., Year Ending June 30, 1943

Paul McCauslin, Frank Clack; Testers; c/o C. H. Waha, Co. Agent

Mercer Sanitarium.....	Mercer	11.65	RJ	8,403	472.6
W. D. White.....	Grove City	11.30	RH	13,208	471.2
Leroy Campbell.....	Grove City	7.95	R:GrG	9,515	451.3
McCauslin Bros.....	Grove City	7.27	R:GrJ:GrG	8,513	441.2

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
C. L. Amon & Son	Stoneboro	11.68	GrJ	8,637	434.0
M. M. King	Mercer	15.51	RH	12,286	424.1
Odd Fellows Home	Grove City	18.71	R:GrH	12,405	417.7
A. D. Ramsey	Volant	16.73	RJ	7,789	413.8
G. G. McDowell	Grove City	22.57	RJ	7,687	409.1
S. S. Babcock	Mercer	8.93	RJ	7,705	402.1
L. M. Cummings	Mercer	15.90	R:GrJ	7,501	401.5
R. C. Henderson	Stoneboro	12.23	GrJ	6,912	395.8
W. I. Blake	Mercer	25.46	RJ	7,050	386.2
C. R. Little & Sons	Jackson Center	19.52	GrJ	7,234	378.6
R. N. Moose & Son	Mercer, 2	20.66	RJ	7,186	376.8
A. L. Campbell	Grove City	32.63	R:GrJ	7,600	376.4
D. E. Vogan	Mercer	16.33	R:GrJ:GrG	7,972	371.9
T. P. Campbell	Grove City	16.61	R:GrG:GrH	8,600	370.5
K. G. Bowmer	Stoneboro	12.25	GrJ:G	7,775	368.5
H. J. Buckley	Stoneboro	12.57	P:GrJ	6,656	356.1
A. M. King	Mercer	17.13	R:P:GrJ	6,887	334.6
M. H. McCoy	Mercer	19.50	RP:GrG	7,077	333.4
J. H. Buckley	Stoneboro	12.59	RP:GrJ	5,973	332.6
D. G. Grace	Grove City	14.22	R:GrJ	6,443	329.3
H. L. Sankey	Volant	28.93	R:P:GrH	8,959	319.3
K. W. Struthers	Mercer	15.87	RG:GrG:J	6,964	317.6

Grove City No. 2 D. H. I. A., Year Ending August 31, 1943

Delmer Boyce, Tester, c/o C. H. Waha, Co. Agent, Mercer

Bailey Walker	Sandy Lake	19.76	GrG	9,956	477.2
Zahniser Bros.	Mercer	20.78	R:GrH	12,806	440.5
J. D. Baker	Grove City	9.71	RP:GrJ	7,767	440.2
P. W. Alexander	Mercer	11.16	P:GrJ	8,207	415.3
W. J. Paxton	Sandy Lake	14.62	P:GrJ	7,526	356.6
L. L. McQuiston	Sandy Lake	8.65	GrH:G	8,690	324.3
F. W. Pizor	Jackson Center	15.66	Gr:PJ	6,252	313.0
Mont Smith	Jackson Center	16.28	GrJ:H	6,429	301.4

Mercer No. 3 D. H. I. A., Year Ending June 30, 1943

Carolyn Brown, Harvey Bauman; Testers; c/o C. H. Waha, Co. Agent, Mercer, Pa.

A. D. Willaman	Transfer	14.16	RJ	7,491	434.3
John Morrison	Transfer	26.39	R:P:GrJ:GrH	7,852	395.8
Mercer County Home	Mercer	26.20	RH	10,865	380.2
Wilhelm Bros.	Sharon	31.56	GrG:J	8,049	376.4
Homestead Dairy	Sharpsville	22.92	GrH:GJ	8,310	361.4
Rev. H. E. Woods	Transfer	32.77	RG:GrG:J	7,317	359.3
W. H. Crawford	Mercer	26.21	GrH:G:J	8,037	359.3
C. P. Minner	Sharon	16.80	GrJ	7,224	352.0
T. M. Cannon	Sharpsville	19.07	RP:GrJ	7,363	341.2
G. E. Dixon	Sharpsville	19.36	RG:H:GrG	7,400	333.8
D. J. Willaman	Transfer	14.60	RP:GrJ	6,020	324.0
B. F. Cannon	West Middlesex	34.02	GrG:H:Mix.	7,208	312.7
R. E. Bollenbacher	Greenville	17.52	GrH:G	7,490	307.6
Shine Bros.	Jamestown	24.63	RH	8,376	306.6
Mrs. L. R. Cox	Pulaski	20.07	R:PG:GrH	6,929	306.5
S. J. Gilliland	Mercer	10.31	GrG:PH	7,480	301.0

MIFFLIN COUNTY

Mifflin No. 2 D. H. I. A., Year Ending July 31, 1943

Floyd Sieber, Tester, Belleville, Pa., R.D.

Paul E. Yoder	Mattawana, Pa.	16.35	R:GrJ	9,085	479.7
Rudy J. Yoder	Belleville, Pa.	38.40	GrH	11,657	440.0
Charles Metz	Belleville, Pa.	8.53	RH	11,653	408.9
H. H. Bradford	Lewistown, Pa.	12.00	RH	10,696	391.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Howard Houser	Reedsville, Pa.	17.48	GrH	10,567	390.7
Wm. L. Bradford & Son	Lewistown, Pa.	21.91	R:GrH	10,948	390.3
James M. Rodgers	McVeytown, Pa.	21.15	R:GrG	8,941	390.2
Jacob I. Yoder	Belleville, Pa.	15.62	GrH:GrG	10,426	384.4
John C. Fleming	Belleville, Pa.	13.12	GrH	10,250	383.4
E. O. Kinsel	McVeytown, Pa.	7.36	Misc.	10,323	382.9
E. J. Harshbarger	Mattawana, Pa.	15.66	R:GrJ	7,038	373.7
Edwin Hooker	Belleville, Pa.	23.18	RG	7,154	357.4
Samuel W. Metz	Allensville, Pa.	13.38	R:GrH:GrG	9,147	354.4
J. Martin Spigelmyre	McClure, Pa.	12.12	RH	10,033	349.0
Jonathan C. Peachey	Reedsville	20.59	GrH	9,811	344.9
Luther J. Dunmire	McVeytown, Pa.	19.19	GH	9,316	335.8
Jacob D. Byler	Belleville, Pa.	20.29	RA:Misc.	7,482	309.9
Leonard & Fisher	Lewistown, Pa.	19.04	R:GrH	8,266	306.6

MONROE COUNTY

Monroe D. H. I. A., Year Ending , 1943

John Michaels, Stroudsburg, Pa.; Elam Kauffman, Honesdale, Pa.; Testers

Gould Brothers	Effort, Pa.	40.20	RA	8,325	338.5
Farrington & Wicks	Effort, Pa.	11.37	RA	7,943	327.7

MONTGOMERY COUNTY

Montgomery #1 D. H. I. A., Year Ending April 30, 1943

Gilbert T. Hess, Tester, Norristown, Pa.

R. A. Burton	Horsham	7.91	R:GJ	9,900	474.7
Silver Lake Farm	Norristown, R.D. 3	24.20	R:GG	8,686	415.9
Alvin L. Funk	Collegeville, R. 1	17.47	RG	7,855	410.0
Wayne S. Schultz	East Greenville	17.45	RH	11,594	406.9
Clay C. Hess	Royersford, R. 1	19.64	GG	8,612	397.7
S. Walter Stearly	Collegeville, R. 1	13.56	Mix.	9,941	390.3
Lockerbie Farm	Hatfield	27.24	RG	8,798	381.8
Harald H. Gade	Norristown, R. 3	24.89	R:GG	7,849	380.0
H. D. Allebach	Collegeville	18.38	RH	10,831	374.7
Harvey Murphy	Norristown, R.D.	21.44	R:GH	10,363	367.6
Montg. County Home	Royersford	26.66	RH	10,257	362.3
Chas. E. Fetterman	Barto, R.D. 2	28.48	RH	9,604	355.4
Howard L. Baker	Center Square	22.41	Mixed	9,400	351.6
L. Lindquist & Sons	Willow Grove	82.48	R:GG:H	9,175	350.7
Mrs. Howard Bieler	East Greenville	19.59	RH	9,887	342.1
Charles K. Johnson	Telford, R.D. 2	21.70	GG	7,608	331.4
Francis McClure & Sons	North Wales	26.66	R:GG	7,332	312.1
Homer Schultz	Hereford	22.20	RH	8,985	307.7
Far View Farm	Maple Glen	42.07	RG	6,342	301.2

Montgomery #2 D. H. I. A., Year Ending October 31, 1943

David H. Magill, Tester, West Point, Pa.

Carson College	Flourtown	7.00	GG	8,954	409.0
Maywin Farm	Arcola	29.73	RG	7,991	392.5
Dreamsholm	Maple Glen	20.64	RJ	7,571	387.2
Abram Z. Rittenhouse	Lansdale	21.28	R:GH	10,539	374.8
State Hospital	Norristown	111.11	GH	10,992	371.6
William Pratt, Jr.	Willow Grove	22.88	Mixed	9,129	368.4
Frank Sharp	Ambler	43.41	R:GG	7,063	347.2
Whitpain Farm	Ambler	20.80	RJ	7,015	341.7
J. D. Mitchell	Lafayette Hill	21.55	RA	8,649	340.2
Alpheus Ruth	Kulpville	14.11	R:GH	9,469	336.5
Charles Shuman	Norristown, R.D. 4	24.89	Mixed	8,634	319.6
Holiday Farm	Norristown, R.D. 2	22.23	RG	6,568	310.7
Normandy Farms	Gwynedd Valley	121.15	RA	7,791	304.4

NORTHAMPTON COUNTY

Northampton No. 1 D. H. I. A., Year Ending February 28, 1943

Claude R. Shultz, Tester, Bangor, Pa., R.D. #2

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Ernest Stevens	Bangor, R. 1	12.50	RH	11,492	395.9
John Duran & Bros.	Pen Argyl, R. 1	15.49	R:GrH	10,217	362.0
Omer Dietterich	Mt. Bethel, R. 1	10.64	R:GrH	9,258	340.7
Charles M. Titman	Mt. Bethel, R. 1	16.21	GrH	9,498	339.1
Jay M. Reagle	Mt. Bethel, R. 1	14.20	GrH:Mixed	8,542	337.1
Raymond Beck	Mt. Bethel	9.78	R:GrH:Mix.	9,109	336.9
Frank Butz	Bangor R. 2	13.53	RH	9,276	334.5
Elwood Brewer	Pen Argyl, R. 1	8.64	GrH:Mix.	9,014	331.9
Joseph Ackerman & Son	Pen Argyl, R. 1	14.82	RAYr:Mix.	8,018	317.8
Paul Weidman	Bangor, R. 2	11.46	RH	8,414	308.3
Carmon Comunale	Bangor, R. 1	12.59	GrH	8,209	302.8
George Butz	Bangor, R. 2	13.37	RH	8,933	300.4

Northampton No. 2 D. H. I. A., Year Ending February 28, 1943

Walter F. Teel, Tester, Ackermanville

Children's Home of Easton	Easton	11.00	RH	12,593	458.1
B. L. Hindenach	Easton, R. 4	54.92	RH:RG	11,523	437.6
Harry Michael	Easton, R. 3	14.45	R:GrH	12,126	407.4
Ellis Frable	Bethlehem, R. 1	18.39	R:GrH:GrG	10,102	384.1
George Buss	Easton, R. 3	11.14	RG	8,368	377.6
George Willauer	Nazareth, R. 3	9.92	GrG:GrH	7,397	362.6
Harry F. Roth	Nazareth, R. 2	10.93	RH	10,278	359.2
Clayton S. Lambert	Easton, R. 1	21.05	RH	9,664	356.2
John Buss & Son	Nazareth, R. 1	11.95	RG	7,896	356.1
Gall Brothers	Easton, R. 1	20.38	R:GrH	9,948	342.8
George Dewalt	Easton, R. 2	21.49	R:GrH:GrG	8,966	337.8
Roy J. Moser	Bethlehem, R. 1	17.50	R:GrH	9,460	327.8
Thomas Kostenbader	Nazareth	40.40	GrG:Mix.	7,241	318.1

NORTHUMBERLAND & SNYDER COUNTIES

Northumberland-Snyder D. H. I. A., Year Ending March 31, 1943

Alvin G. Smith, Tester, Northumberland-Snyder Co. Ag. Ext., Court House, Turbotville, Pa.

State Colony*	Selinsgrove, Pa.	41.72	R:GrH	12,727	448.0
Ernest E. Ritter	Winfield, Pa.	27.14	RG	8,468	413.4
D. H. Hoffman	Richfield, Pa.	7.46	RG	7,761	389.3
Mark Witmer	Dalmatia, R.D., 1	27.33	R:GrG	8,089	387.8
C. M. Bailey	Beavertown	14.42	GrH	10,397	380.2
H. E. Kuster	Selinsgrove, R.D. 2	211.44	R:GrH	10,802	377.8
J. Ray Keiser	White Deer, Pa.	13.60	RG	7,665	373.8
W. A. Boyer	Selinsgrove, R. 2	12.13	RH	11,566	372.1
Geo. S. Wesner	Watsonstown, R. 2	18.73	GrH:GrG	9,380	368.6
C. E. Witmer	Dalmatia, R.D. 1	34.37	R:GrG:R:GrH	7,445	358.2
Frank L. Martz	Crowl, Pa.	13.10	GrG	9,698	352.8
Fisher Bros.	Kreamer, Pa.	21.32	R:GrH	9,767	352.2
A. J. Hollanbach	Middleburg, R.D. 2	14.52	RA:Mix.	8,496	350.8
G. L. Crissinger	Dornsife, R.D. 1	15.53	R:GrH	10,132	346.7
E. D. Schnure	Milton, R.D., 2	19.37	R:GrH	10,165	343.0
W. C. Gauger	Watsonstown, R.D.	213.73	RH	10,067	342.1
E. W. Milheim	Watsonstown, R.D.	224.54	GrH:GrG	8,221	339.7
A. A. Lawrence	Sunbury, R.D., 1	9.20	GrG:GrH	7,741	335.7
H. J. Masters	Sunbury, R.D.	32.92	RH	9,439	329.2
John L. Frederick	Milton, R.D. #1	9.47	R:GrG	7,243	319.3
I.O.O.F. Orphanage	Sunbury, R.D.	16.89	R:GrH	9,452	317.4

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
S. W. Engle	Sunbury, Pa.	36.23	R:GrH:R:GrG	8,321	315.6
Irvin E. Brosius	Sunbury, R.D. #3	11.52	RG	6,213	316.8
A. Ross & Son	Sunbury, R.D. #2	21.25	R:GrH:GrG	7,289	309.0
Max Long	Hickory Corners	6.84	RH:GrG	7,715	308.8
Raymond D. Shaffer	Hickory Corners	13.86	R:GrH:GrG	7,386	306.0

*Herd milked three times daily.

PERRY COUNTY

Perry County D. H. I. A., Year Ending Feb. 2, 1943

Bruce E. Beaver, Wila, Pa.; John Ackenback, Duncannon, Pa.; Testers

Milmay Farm*	Loysville, Pa.	17.10	RH	13,085	444.2
Homer T. Gable	Newport, Pa.	16.14	R:GrH	10,895	404.9
Jerry R. Lyons	Loysville, Pa.	12.59	GrH	11,653	401.4
Harry R. Bixler	Millerstown, Pa.	7.87	R:GrH	10,360	398.7
George F. Rice	Balin, Pa.	11.84	R:GrH	10,914	392.4
Chas. R. Kline	Newport, Pa.	12.48	R:GrG	7,861	378.2
F. Dean Thomas	Blain, Pa.	20.76	R:GrH	10,860	377.5
Mrs. Nellie Gamber & Sons	Duncannon, Pa.	9.71	R:GrG	8,363	376.9
Paden & Campbell	Millerstown, Pa.	8.49	RG	7,699	361.7
Stanley T. Gable	Newport, Pa.	11.78	RH	9,688	361.3
John K. Hall & Sons	Millerstown, Pa.	24.52	R:GrH:GrG	9,073	350.0
George B. Black	Millerstown, Pa.	12.91	RH	9,558	347.1
Ralph L. Smith	Millerstown, Pa.	15.59	R:GrH	9,915	345.6
Clark B. Rice	New Bloomfield, Pa.	13.18	R:GrH	9,840	331.1
Beavermead Farm	Millerstown, Pa.	17.37	RH	8,885	321.1
Roy D. Reeder	Loysville, Pa.	12.77	R:GrH:GrG	8,007	309.7
Dwight McMillen	Loysville, Pa.	17.20	R:GrH	8,694	309.4
R. H. Cooper	Landisburg, Pa.	15.70	R:GrH	8,598	307.8

*Herd milked three times daily.

POTTER COUNTY

Ulysses-Potter D. H. I. A., Year Ending October 31, 1943

Lorene A. Dunn, Coudersport, Pa.; Raymond Baker, Ulysses, Pa.; Testers

T. S. Dunn & Son*	Coudersport, Pa.	10.86	RH	16,623	552.4
C. C. Buck & Son	Ulysses	17.50	RH	14,293	530.8
Rosell Leete & Son	Coudersport	27.20	RH	12,965	460.3
J. K. Martin	Galeton	14.08	RH:GrH	12,161	450.6
Guy & Dick Dunn	Coudersport	15.82	R:GrH	13,049	446.0
Norman Chapman	Genesee	16.14	RH	12,986	442.7
E. W. Traub	Galeton	10.92	RH:GrH	11,934	432.5
Lawrence E. Buck	Ulysses	26.55	RH	11,887	422.6
Francis Handwerk	Germania	10.84	PH:GrH	10,520	418.2
Preston Erway	Genesee	24.97	RH	12,108	407.2
Stanley Welfling	Germania	10.86	RP:GrH	10,551	399.0
C. S. Holbert	Genesee	17.26	RH:GrH	11,640	390.8
C. W. Warriner	Harrison Valley	16.31	RH	10,978	382.2
Edward Jones*	Wellsville, N. Y.	18.72	R:GrH	10,045	371.8
Arling Judd & Son	Harrison Valley	13.36	R:GrH	10,460	371.4
L. C. Traub	Galeton	9.13	RH	10,197	370.6
Harry B. Lent	Coudersport	24.06	R:GrH	10,162	367.0
David Shaffer	Ulysses	13.68	P:RH:RJ	9,874	365.6
Wesley E. Cary	Harrison Valley	16.30	RA	8,362	365.5
Potter Co. Home	Coudersport	28.15	RA	8,338	329.5
Little & Paul	Westfield	23.23	GrH	9,472	327.8
R. H. Russell	Coudersport	24.54	RA:GrA	7,689	320.8
O. A. Kibbe & Son	North Bingham	21.98	RA:RH	7,069	319.3
Baker Bros.	Ulysses	27.42	PR:GrH:Mix.	8,867	316.4
C. M. Barker & Son	Ulysses	26.71	RA:RH	7,887	313.3

*Herd milked three times daily.

SCHUYLKILL COUNTY

Schuylkill County D. H. I. A., Year Ending March 31, 1943

Henry Lindner, Zions Grove, Pa.; Lewis Dietz, R. D. #1, Sch. Haven, Pa., Testers

Name of Owner	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
Mrs. Maud Richards*	Pottsville	16.15	R:GrH	13,093	520.2
Luzerne Co. Ind. School*	Kis-Lyn	52.78	RH	13,948	464.9
Clarence Briener	Tamaqua, R.D.	11.16	RJ	8,587	434.1
Jonathan Herring	Pine Grove	20.50	RJ	7,952	402.9
Arthur Heisler	Tamaqua, R.D.	24.18	R:GrH	10,324	402.0
Daniel Heisler**	Tamaqua, R.D.	24.33	R:GrJ	9,547	400.5
U. E. Rhein	Pine Grove	22.86	RJ	7,820	385.6
Robert Ludwig	Hegins, R. 2	22.69	R:GrH:GrG	10,205	356.3
Buechley Farms	Pottsville	16.19	RJ	7,219	356.3
Pecoras Farm	Drums	74.97	RH	10,814	354.2
Edwin Schadle	Valley View	15.64	R:GrS:GrH	7,636	352.6
Roy Gauker	Cressona	13.45	R:GrH	10,410	352.2
Webster Wagner	Tamaqua, R.D.	40.63	R:GrH:R:GrG	9,258	350.8
I. Earl Paxson	Sch. Haven	22.72	R:GrH	10,517	346.4
Sch. Co. Inst. District	Sch. Haven	30.25	R:GrAyr	8,303	344.2
Isaiah Heisler	Tamaqua, R.D.	20.25	R:GrH:R:GrJ	9,273	343.2
Wm. Schwartz	Sch. Haven	27.78	R:GrH	9,898	341.0
Guy S. Reed	Summit Station	14.91	R:GrH	9,479	334.5
Roy Hunter	Ashland, R.D.	19.58	R:GrH:Mix.	9,292	333.9
Bast Brothers	Sch. Haven	32.21	R:GrH	9,347	328.1
John Dietz	Sch. Haven	20.26	R:GrH	8,916	326.1

*Herd milked three times daily.

**Part of of herd milked three times daily.

SOMERSET COUNTY

Somerset Co. 1 & 2 D. H. I. A., Year Ending March 31, 1943

Robert E. Pick, J. Robert Hinton, Russell Harpest; Testers; c/o Co. Agent's Office, Court House, Somerset, Penna.

Henry L. Yoder	Grantsville, Md.	16.64	P:GrU	8,471	456.3
Jacob S. Yoder	Salisbury	23.10	R:GrJ	7,918	452.5
Elmer Schrock	Grantsville, Md.	25.82	GrG	8,832	450.8
Edward M. Yoder	Grantsville, Md.	14.82	GrJ	8,031	423.1
Eli Yoder	Grantsville, Md.	16.77	RJ	8,142	422.0
Meyers Bros.	Meyersdale	22.73	R:BrSw	9,430	416.6
Paul W. Brant	Friedens, #1	12.55	Mixed	9,124	413.9
Wilbert Brant	Friedens	22.64	Mixed	9,035	401.4
J. Gordon Brant	Somerset, #5	15.00	Mixed	9,046	387.2
State Hospital	Somerset	44.55	RH	11,551	375.0
Owen Beeghley	Somerset, #1	19.65	GrH:Mixed	10,622	374.7
Irvin Yoder	Grantsville, Md.	23.88	R:GrG	7,028	374.8
Harry H. Ringler	Somerset, #5	29.17	GrH:GrG	10,169	373.9
O. W. Beachley	Somerset, #5	15.30	RH	10,282	347.9
Harry Stevanus	Meyersdale, #2	23.10	GrJ	7,145	358.5
D. P. Everline	Wellersburg	6.71	RG	7,045	355.9
Menno J. Yoder	Meyersdale	34.00	RJ	6,603	336.7
Gladen Walker	Somerset, #5	10.43	R:GrH:Mix.	8,681	333.2
Fred W. Ross	Friedens, #2	20.12	R:GrH	9,319	332.3
Noah S. Beachy	Meyersdale, #2	18.66	GrG:J	6,331	316.9
Walter E. Yoder	Meyersdale	19.41	RJ:GrG	5,935	312.7
George Marteeney	Somerset, #6	25.04	GrH:Mixed	8,712	311.0
A. R. Knepper	Berlin, #2	19.86	R:GrH	7,939	301.2

SULLIVAN COUNTY

Sullivan County D. H. I. A., Year Ending Sept. 30, 1943

Harold Plastow, Tester, Columbia Co. Ag. Ext. Ass'n., Court House, Bloomsburg, Pa.

F. W. Crofut & Son	Wheelerville	14.34	R:GrH	9,494	387.3
L. C. Tomkins	Ellentown	11.81	RH	9,801	340.0

SUSQUEHANNA COUNTY

Choconut Valley D. H. I. A., Year Ending June 30, 1943

Miss Hazel G. Conklin, Tester, Montrose, Pennsylvania #3

Name of Owner	Address	Av. No.	Breed	Lbs. Milk	Lbs. Fat
G. C. Shafer	Brackney	22.83	GH	12,517	427.0
T. J. Murphy	Brackney	25.71	R:GrH	10,399	394.0
A. J. Patton	Brackney	19.65	RP:GrH:P	9,793	367.1
Ward Taylor	Fairdale		GrH:PJ	9,283	359.9
E. B. Ely & Son	Kingsley	66.16	GrH:GrJ	9,283	342.8
Joseph Murphy	Little Meadows	29.52	GrH	8,832	331.1
Wright Giffin	LeRaysville	23.59	R:PJ	6,139	316.8
Leland Fuller	Laceyville	21.66	RP:GrH	9,185	315.4
M. D. Haight	Little Meadows	39.12	GrH:RBS	8,320	314.5

Gelatt-South Gibson D. H. I. A., Year Ending October 31, 1943

Wilfred Lehman, Tester, c/o W. J. Horton, Clifford, Pa.

Joseph Nataline	Thompson, Pa., #3	18.02	RH	11,739	403.4
L. M. Carl & Son	Susquehanna, Pa., #3	24.22	Gr:RH	10,812	397.9
John Booth Farms	Carbondale, Pa., #1	16.50	RJ	7,565	390.2
Cordie Allen	Nicholson, Pa.	23.08	RH	11,164	379.6
Curtis Allen	Nicholson, Pa.	14.79	Gr:RH	8,231	379.4
Royal Wilmont	Jermyn, Pa.	13.92	GrH	9,158	360.1
Earl Barnes	Nicholson, Pa.	20.84	GrH	9,430	350.5
W. J. Horton	Clifford, Pa.	23.35	RH	9,705	325.6
Everett Lee	Carbondale, Pa., #1	19.33	R:GrH	8,404	308.3
Walter Chaykosky	Forest City, Pa., #1	24.58	R:PH	8,706	305.9
Mrs. Cecile D. Stone	Thompson, Pa.	39.58	GrH	9,010	304.3

Western Susquehanna Co. #1 D. H. I. A., Year Ending June 30, 1943

H. Mac Hindman, Tester, c/o County Agent, Montrose, Pa.

Floyd Hibbard	Springville	13.97	RH	12,732	428.8
Norman Carter	Birchardville	12.21	R:GrG	8,917	408.0
C. O. Button	Springville	17.23	RH	11,943	399.5
Ross L. Carter	Montrose, #4	25.33	R:GrG	8,073	397.7
Kenneth Ellsworth	Meshoppen	15.14	RH	10,763	386.0
George Heitsman	Springville	19.62	R:GrH	10,287	379.4
R. B. Strickland	Nicholson	23.19	RH	10,672	374.8
B. F. Taylor	Lynn	20.98	RH	10,536	374.3
Bushmont Farm	Montrose	24.44	RH	10,691	372.1
Fernheim Farm	Montrose	21.99	RA	8,741	370.8
C. L. Carter & Son	Montrose, #4	18.27	RJ	6,880	352.4
Allen Jayne	Laceyville	14.65	R:GrH	9,968	346.9
J. J. Shupp & Son	Springville	22.28	R:GrG	6,852	326.8
Claud Button	Springville	14.60	R:GrH	9,216	325.3
Crystella Dairy Farm	Springville	50.90	R:GrH:GrG	8,757	321.0
Robert Heitsman	Springville	22.00	R:GrH	8,969	318.3
A. R. Lyman	Springville	20.65	R:GrH	8,676	310.0
Agawam Farm	Springville	33.25	R:GrG	6,475	304.5

Western Susquehanna Co. #2 D. H. I. A., Year Ending January 31, 1943

Arthur H. Carter, Tester, Montrose, Penna.

Russell S. Dayton	Dimock	28.50	RH	12,077	430.9
Harry Lawrence	Hallstead	27.14	RH	11,146	402.3
Theron Cooley	Nicholson, #2	22.45	R:GrH	11,090	388.5
Guy B. Robinson	Montrose	13.51	RH	11,616	388.1
John L. Parks	Susquehanna	18.73	R:GrH	9,821	350.1
John Bunnell	Montrose, #1	25.95	GrH	9,711	327.5
Perry Goff & Son	Montrose	22.63	R:GrH	9,716	327.1
Tiffdale Farm	Brooklyn	56.32	R:GrH:GrG	9,221	326.4
George C. Comstock, Jr.	Montrose	26.17	RG	6,872	324.2

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Louden Hill Farm	So. Montrose	241.74	R:GrH:R:GrG	8,601	322.0
Scott & Cole	Montrose	20.08	RH	9,516	316.9
James W. Ball	Montrose	30.96	RH	9,841	315.4
Webb Bunnell	Montrose	21.68	R:GrH	9,764	312.9
J. C. Bedell & Son	Montrose	15.94	RH	8,762	305.6

TIOGA COUNTY

Cowanesque Valley D. H. I. A., Year Ending October 31, 1943

Dean E. Smith, Tester, Knoxville, Box 53, Penna.

Perry L. Wood	Knoxville, Pa.	11.06	PJ	9,360	504.8
Ralph Clark	Knoxville, Pa.	14.08	R:GrH	11,909	428.6
Deforest Jordan	Knoxville, Pa.	9.37	Mixed	9,817	417.0
Clair Gerow	Knoxville, Pa.	18.03	Mixed	10,599	387.0
J. B. Gilbert-Lynn Doan	Knoxville, Pa.	18.42	Gr:RH	10,568	365.9
L. G. Hunt	Westfield, Pa.	18.48	Gr:RH	9,555	349.1
Joe West	Middlebury Center, Pa.	35.71	Mixed	8,383	337.4
S. A. Cady	Troupsburg, N. Y.	30.25	GrH:Mix.	8,490	315.9
George Hunt	Westfield, Pa.	25.46	Gr:PH	8,578	313.7
A. G. Bower & Son	Nelson, Pa.	20.37	GrH	8,936	312.8
A. W. Hunt-Clayton Kline	Westfield, Pa.	15.85	RH	8,541	306.9
Ernest Hartley	Osceola, Pa.	15.56	Gr:RH	8,632	303.9

Jackson D. H. I. A., Year Ending May 31, 1943

John P. Busija, Tester, Millerton, Pa.

E. N. Garrison, #1	Millerton	20.04	RJ	8,034	461.0
E. N. Garrison & Son, #2	Millerton	14.31	RJ	7,234	424.8
Fred Tillinghast	Gillett	23.23	R:GrJ	7,668	421.7
Curtis Smith	Gillett	33.45	RJ:GrG	7,953	410.8
Edson Smith	Lawrenceville, #1	12.24	R:GrG	7,815	403.2
Noel Card	Lawrenceville	25.06	RJ	7,229	386.8
Merle Daggett	Millerton	22.23	R:GrJ	6,679	376.6
George N. Watkins	Pine City, N. Y.	13.65	R:GrH	9,578	369.4
Frank J. Allen, Sr.	Lawrenceville	19.58	RJ	6,117	362.8
Ford & Milford Smith	Millerton	21.20	R:GrJ	6,497	343.5
Glenn Noble	Gillett	31.33	RP:GrJ	6,692	340.8
Clarence Saunders	Gillett	12.85	GrG:GrH	7,188	340.7
Cecil Smith*	Millerton	27.69	R:GrJ	6,228	337.1
George Corey	Millerton	20.47	Mixed	6,958	335.7
Leaman Smith	Pine City, N. Y.	27.23	GrH	8,145	326.9
Dewey J. Hamilton	Millerton	17.25	RP:GrH	8,538	325.6

*Part of herd milked three times daily.

Liberty D. H. I. A., Year Ending August 31, 1943

Clyde H. Wilson, Elery Long, Sheldon Roupp; Tester, Liberty, Pa.

Wilbur Brion	Liberty, Pa.	15.70	Mixed	10,014	442.7
Chancy Brion	Liberty, Pa.	16.21	R:GrH	11,589	409.6
Edd W. Brion	Liberty, Pa.	18.02	RJ	6,865	406.5
Norman Bros.	Liberty, Pa.	21.84	RJ	6,931	390.1
Snyder Bros.	Liberty, Pa.	33.85	RH	10,494	386.0
Earl Bunn	Ogdensburg, Pa.	9.18	R:PH	10,854	382.5
R. F. Nienheuser	Trout Run, Pa.	6.42	GrG:Mix.	7,127	372.5
Burdette Mase	Liberty, Pa.	34.12	Mixed	10,409	370.2
Mrs. Gladys Mase	Liberty, Pa.	11.80	R:GrJ	6,979	364.6
Daniel Bonnell	Liberty, Pa.	15.41	R:GrJ	6,616	364.2
Maynard Brion	Roaring Branch, Pa.	17.54	Mixed	7,904	356.8
Mrs. Florence Persun	Trout Run, Pa.	9.95	R:GrG:Mix.	7,166	355.1
Herbert Jones	Ogdensburg, Pa.	13.71	Gr:RH	8,899	353.4

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Clarence Mitstifer	Liberty, Pa.	18.18	Mixed	7,332	353.0
McCullough Dairy Farms	White Pine, Pa.	22.56	Mixed	7,179	345.9
John Hetzel	Liberty, Pa.	21.83	Mixed	8,014	342.2
T. Marvin Tebo	Leolyn, Pa.	27.70	Gr:RH	8,389	321.8
Fred Marshall	Liberty, Pa.	23.07	GrG	6,529	305.7

Mansfield D. H. I. A., Year Ending March 31, 1943

Ellis E. Morgan, Miss Marian Gillette; Tester, Mansfield, Pennsylvania

Alfred Cleveland	Mansfield, Pa.	16.87	RH	12,637	449.1
J. H. Inscho	Mansfield, Pa.	16.44	RH	12,274	447.4
East Brook Farm	Covington, Pa.	15.45	RH	11,962	444.1
L. D. Stevens	Mansfield, Pa.	17.10	R:GrH	12,483	442.2
Carl Hasker*	Wellsboro, #4, Pa.	9.09	RH	11,203	413.0
Wayne Whitteker	Mansfield, Pa.	19.16	R:GrJ:Mix.	8,394	405.3
Earl Benson	Covington, Pa.	17.50	R:GrH	10,142	395.9
Thos. & Anna Wood	Mansfield, Pa.	20.70	RH	10,328	395.5
Elmer L. Smith	Mainesburg, Pa.	15.43	R:GrH	9,915	387.2
Jesse M. Baity	Covington, Pa.	39.85	GrH:Mixed	8,904	366.3
R. M. Broderick & Son	Mansfield, Pa.	25.57	RJ	6,681	365.0
Howard B. Connelly	Mainesburg, Pa.	19.86	R:GrH	9,458	364.9
Dean E. Phelps	Mansfield, Pa.	11.81	R:GrH	9,672	355.6
Lyle Cleveland	Mansfield, Pa.	13.83	GrH	9,161	355.3
Tom W. Crittenden	Mansfield, Pa.	8.44	RAyr	8,922	352.4
S. D. Moore & Son	Mansfield, Pa.	25.07	P:GrH:GrJ	9,087	344.1
Ainsworth Booth	Mansfield, Pa.	15.31	R:GrH	7,887	300.0

*Pert of herd milked three times daily for 4 mos.

Wellsboro D. H. I. A., Year Ending October 31, 1943

George W. Thompson, Tester, Wellsboro, Box 604, Pa.

J. & H. Davis*	Little Marsh	25.70	RH	15,216	500.1
John Grantier**	Wellsboro, #3	10.04	RJ	7,797	435.2
Clark Bowen	Wellsboro, #3	20.55	RH	12,276	426.7
Ralph Sampson	Crooked Creek	13.01	RH	10,637	405.5
Roy S. Bowen	Wellsboro, #3	26.33	RH	11,425	399.4
Eatoncroft	Wellsboro	21.19	RJ	7,426	394.9
George B. Butler	Wellsboro, #4	23.99	R:GrG	8,520	393.5
D. R. English***	Covington	14.32	RH	11,534	380.5
R. O. Collins	Crooked Creek	19.31	RH	11,411	371.7
Ivan Kinnan	Middlebury Ctr.	31.37	R:GrH:Mix.	10,032	365.8
F. W. Burrows & Sons	Tioga	25.76	R:GrH:Mix.	9,023	325.3
Neil Gleason	Little Marsh	22.20	GrH	9,564	321.9
Homer Davis	Little Marsh	22.43	R:GrH	8,890	316.0
W. S. Learn	Lawrenceville	17.66	R:GrH:Mix.	8,697	315.9

*Part of herd milked three times daily for 5 mos.

**Herd milked three times daily for 5 mos.

***Part of herd milked three times daily for 3 mos.

UNION COUNTY

Union County D. H. I. A., Year Ending June 30, 1943

Earl Boyer, Mifflinburg, Pa., R.D. #2; Harold E. Rieder, Lewisburg, Pa., Box 274; Testers

Robert J. Smith	Millmont, Pa., R.D. 2	7.68	RH	14,070	521.9
Ralph F. Erdley	Lewisburg, Pa., R.D. 1	16.55	RH	13,069	466.8
H. K. Benner	Vicksburg, Pa.	9.99	RH	11,809	448.0
H. A. Walter & Son	Lewisburg, Pa., R.D. 1	16.08	R:GH	11,453	421.4
George L. McCormick	Allenwood, Pa.	11.74	RH	10,741	412.2
John S. Wehr	Mifflinburg, Pa., R.D. 2	30.36	PBS	10,895	410.4
Leon M. Musser	Lewisburg, Pa., R.D. 2	13.78	R:GH	11,065	400.9

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Laurelton State Village*	Laurelton, Pa.	33.49	R:GH	11,486	396.4
George H. Wagner	Vicksburg, Pa.	10.93	R:GH:GG	11,285	394.8
Fred D. Dock	Lewisburg, Pa., R.D. 1	14.10	RH	10,608	391.4
Robert H. Criswell	Lewisburg, Pa., R.D. 1	9.56	R:GH	11,260	387.8
Robert F. Miller	Lewisburg, Pa., R.D. 1	13.96	R:GH	10,756	383.8
Homer Shultz	Danville, Pa.	19.73	R:GH	11,875	381.3
Calvin Stahl Est.	Mifflinburg, Pa., R.D. 1	7.06	RH	10,131	377.3
Orvis Eisenhuth	Lewisburg, Pa., R.D. 1	15.47	R:GH:GG	10,090	365.1
Mary S. Brouse	Mifflinburg, Pa., R.D. 2	8.72	RBS	8,875	359.7
J. S. Zeigler	Lewisburg, Pa., R.D. 3	13.47	RH	10,203	356.0
W. J. Erdley	Mifflinburg, Pa., R.D. 2	14.18	RH	10,248	352.6
J. D. Shreck Est.	Lewisburg, Pa., R.D. 3	16.01	R:GH	9,858	348.0
E. C. Leiby	Winfield, Pa.	11.18	R:GH:GG	8,786	338.9
W. Taylor Kostenbader	Lewisburg, Pa., R.D. 3	10.25	R:GH	9,189	319.6
A. C. Slifer	Lewisburg, Pa., R.D. 2	9.89	RH	8,680	316.1
Nellie I. Winter	Lewisburg, Pa.	18.81	RG	6,938	312.4
A. A. Eisenhauer	Lewisburg, Pa., R.D. 2	12.30	RH	8,876	310.1
Geo. Neuman Farm, I.	Milton, Pa.	6.30	R:GH:RG	7,812	308.1
Philip K. Frederick	Lewisburg, Pa., R.D. 2	15.52	R:GH	9,414	307.4
Leroy T. Kling	West Milton, Pa.	13.26	R:GG	6,786	303.3

*Part of herd milked three times daily.

VENANGO COUNTY

Venango County D. H. I. A., Year Ending July 31, 1943

Lloyd H. Sheldon, Tester, Franklin, Pa., c/o Agricultural Ext. Assn., P. O. Box 468					
River Ridge Farm	Franklin, Pa.	7.93	RJ	9,239	537.5
Polk State School*	Polk, Pa.	158.73	RH	12,852	440.3
Carlton Jersey Farm	Carlton, Pa.	16.40	R:GrJ	7,380	413.5
Lea J. Hancox	Titusville, Pa.	12.48	R:GrG	7,810	378.8
John L. Mitchell	Oil City, Pa., R. 1	8.84	R:PbG	6,852	374.2
Hilltop Stables	Oil City, Pa.	13.32	RG	7,797	372.1
S. S. Blauser	Fertigs, Pa.	13.48	GrJ:G:RG	7,810	365.0
James D. Berry, Jr.	Oil City, R. 1	5.25	R:GrG	7,245	358.2
Morck Oil Company	Oil City	11.35	Pb:GrG:GrJ	7,508	355.6
Paul A. Rhoades	Franklin, R. 4	14.02	Pb:GrG	7,843	343.4
Evergreen Stock Farm	Emlenton, R. 2	10.85	RJ	6,526	343.4
Graham & Marsteller	Franklin, R. 1	25.66	R:Pb:GrG	7,058	342.5
Dr. A. W. Goodwin	Oil, City, Pa.	16.85	RA:GrJ:G	8,219	340.2
D. H. Morrison	Van, Pa.	14.88	RG	6,660	335.4
McCoy Bros., & Co.	Emlenton	13.22	R:PbJ	6,338	334.5
W. E. Stewart	Titusville, R. 4	21.68	Pb:GrG:Mix.	6,884	332.1
Biery Guernsey Farm**	Franklin, Pa.	97.23	RPb:GrG	6,624	315.8
Charles Campbell	Emlenton, Pa.	18.40	R:GrG	6,213	308.5

*Herd milked three times daily.

**Part of herd milked three times daily.

WARREN COUNTY

Warren County, D. H. I. A., Year Ending April 30, 1943

Michale Hummel, Barton Greeley, Elvin Holsopple; Testers; Warren c/o Mr. O. C. Tritt					
Ralph Swart	Corry	15.40	RH	12,321	433.6
Mrs. A. J. Leofsky	Spring Creek	14.81	GH	10,734	424.2
L. W. Beers	Grand Valley	12.30	GrG	8,296	394.2
Carlton Curtis	Columbus	40.83	RJ	7,209	371.4
Neil Firth	Sugar Grove	14.11	R:GrH	9,403	368.5
Leigh Smith	Torpedo	20.32	GrH:R	10,027	360.2
C. V. Pierce & John					
Moravek	Torpedo	19.19	GrG:P:GrH	8,567	355.8
Carl Norbeck	Sugar Grove	37.23	R:PH	10,342	355.3

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Harry Long	Pittsfield	13.08	R:GrG	7,696	355.1
Carter Brothers	Bear Lake	10.33	R:GrH	10,368	351.4
Roy Swart	R.D. #2, Corry	9.99	RH	10,784	344.4
Thayn Tubbs	Spartansburg	20.78	GrH:GrJ	8,943	341.2
Homer Lindell	Akeley	19.25	GrH	9,561	336.0
Warren Wilcox	Akeley	12.19	GrG	6,727	332.5
Warren State Hospital*	Warren	107.79	RH	9,967	328.8
Robert Meabon	Grand Valley	10.88	GrH	7,281	326.6
F. L. Dodd & Sons	Columbus	48.09	GrH	8,990	326.5
Muro Wright	Spring Creek	18.04	GrH	9,110	326.1
M. D. Ongley	Grand Valley	25.40	GrG	7,152	325.2
Mattie Whitely	Spring Creek	11.95	GrH	9,285	322.4
William Armitage	Spring Creek	31.14	R:GrH:GrG	8,544	318.0
Tubbs Brothers	Spartansburg	18.40	GrH:GrG	9,315	317.6
Harry Ludwick	Akeley	27.43	R:GrH	8,706	317.5
L. C. & S. F. Cobb	Spartansburg	18.85	R:GrH	8,584	317.3
H. M. Sanders	Sugar Grove	15.80	R:GrH	8,532	304.8

*Herd milked three times daily.

WASHINGTON & GREEN COUNTIES

Washington-Green D. H. I. A., Year Ending Aug. 31, 1943

Walter Nagel, Donald Johnston, Kenneth Riggie; Testers; Agr. Ext. Assoc., Washington, Pa.

S. B. Day & Sons*	Washington, R.D. 4	25.40	RG	10,828	556.3
Jay G. Nelan & Sons**	Claysville, R.D. 1	28.77	RG	9,600	505.6
Dr. J. Max Hootman	Eighty Four, Pa.	16.10	R:GrG	10,968	474.9
C. D. Squires	Bentleyville, Pa.	18.83	RJ	8,742	463.8
Oliver Blair	Waynesburg, Pa.	8.07	RH	11,920	452.5
Pa. Training School***	Morganza, Pa.	48.53	RH	12,808	431.4
Ben W. Jacobs	Waynesburg, R.D. 6	11.88	PH:GrJ	10,332	426.9
Roy Robison & Son	Coal Center, Pa.	44.50	RJ	8,015	425.1
Alex. Hamilton & Son	Washington, R.D. 5	18.62	R:GrG	9,071	418.5
J. S. & Wm. Stoneman	Belle Vernon, Pa.	11.69	RG	8,255	412.1
W. L. Hutchinson, Jr.	Cecil, Pa., R.D. 2	17.74	RG:GrH	9,683	403.4
P. F. Morris	Charleroi, Pa., R.D. 1	17.49	R:GrJ	7,552	402.3
R. Dell Weaver	Canonsburg, R.D. 1	16.52	R:GrH	9,265	399.3
Pastor Bros.	Rea, Pa.	18.26	RH	12,049	397.0
Chas. A. Hayden	Monongahela, Pa.	55.10	RG	7,527	380.7
Greene County Home	Waynesburg, Pa.	14.66	R:GrH	9,823	376.1
John E. Long	Monongahela, R.D. 1	23.75	R:GrG	7,821	369.6
Henry W. Fehl	Canonsburg, R.D. 1	19.66	RH	10,533	369.5
J. Clarence Paxton	Washington, R.D. 1	15.62	RH	10,340	369.3
F. G. Hayden & Sons	Elizabeth, Pa.	18.76	RG	7,257	369.3
Keener Bros.	Carmichaels, Pa.	18.85	R:GrG	7,322	366.6
Vance Smith	McDonald, R.D. 4	18.98	RH	10,360	352.6
Washington County Home	Washington, Pa.	37.94	RH	9,837	344.5
Mrs. Esther Thompson	Canonsburg, R.D. 1	10.88	RH	10,133	342.4
S. Paul Ritchie	Rea, Pa., R.D.	17.95	R:GrH	9,910	342.1
Hugh Berry	Eighty Four, Pa.	11.65	GrH:G	7,642	334.5
A. H. Scott	Rea, Pa., R.D.	14.89	RG	7,411	334.4
J. A. Dinsmore	Washington, R.D. 3	22.42	RJ	6,235	332.4
The Misses Manchester	Avella, Pa., R.D.	17.84	Mixed	7,343	328.7
Andrew Azzo, Jr.	Eighty Four, Pa.	18.83	Mixed	7,449	328.2
Paul R. Cosgray	Waynesburg, Pa.	22.00	Mixed	6,597	325.8
J. Ard Cowden	McDonald, R.D. 4	26.61	GrH:G	7,934	324.8
Arthur Reed	Avella, Pa., R.D.	21.98	GrG:H	7,371	321.8
R. M. Morgan & Sons	Bridgeville, Pa., R.D.	19.76	RH	9,274	320.4
Paul Lewis	Washington, R.D. 4	30.78	RG	6,417	319.3
Harley Swart	Waynesburg, Pa.	36.95	R:GrJ	6,866	316.6
Greene Co. Childrens Home	Waynesburg, Pa.	10.58	GrG	6,239	313.3

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Bridges & Welch	Burgettstown, R.D. 4	19.42	RH	9,493	311.8
Charles Adams	Wanesburg, Pa.	15.40	RJ	5,965	307.7
Oscar Devore	Eighty Four, R.D. 1	18.61	R:GrH	8,789	30.6

*Herd milked three times daily.

**Part of herd milked three times daily.

***Herd milked three times a day for 8 mos.

WAYNE COUNTY

Wayne D. H. I. A., Year Ending September 30, 1943

Clifford Eno, Elmer Heberling, Elam D. Kauffman, George Crossman; Testers; c/o Co. Agent, Court House, Honesdale, Penna.

Emil Brown*	Lake Ariel, Pa.	13.75	R:GrH	13,995	540.0
Fairview Hospital*	Waymart, Pa.	48.75	GrP:RH	13,689	485.7
George Rosener	Aldenville, Pa.	18.71	RJ	8,179	456.9
Stephen Snedeker	Waymart, Pa.	20.50	RJ	8,348	450.4
C. C. Dibble	Starrucca, Pa.	24.26	RH	12,591	446.3
S. J. Shaffer**	Prompton, Pa.	21.17	RH:GrH	13,146	437.8
Edward Brooking	Pleasant Mount, Pa.	33.79	RH	12,415	435.1
H. A. Robinson	Seelyville, Pa.	9.97	RJ	7,606	431.5
S. E. Woodley	Narrowsburg, N. Y.	21.67	RH	11,316	424.0
Russell Erk	Prompton, Pa.	46.88	RJ	7,667	417.3
Mrs. Myrtle McLain	Moscow, Pa.	22.31	Mixed	10,696	415.6
William McLain	Moscow, Pa.	11.40	GrH	10,465	407.6
Bethany Homestead**	Honesdale, Pa.	74.58	RG	8,535	406.5
Ellis Maudsley	Hankins, N. Y.	13.38	GrH	10,664	402.3
W. E. Hauenstein & Son**	Waymart, Pa.	30.04	RJ	7,753	401.4
Walter C. Blum	Milanville, Pa.	32.93	P:RH	11,091	393.9
Warren J. Robbins	Beachlake, Pa.	21.19	RH	10,616	390.7
Lester R. Male	Honesdale, Pa.	27.95	R:GrH	11,228	386.2
Cocodrilli Bros.*	Lake Ariel, Pa.	30.05	R:PH	11,415	385.1
Kenneth Doyle	Starrucca, Pa.	22.51	GrH	11,200	384.5
Chester Rickard**	Honesdale, Pa.	34.13	RH	10,140	384.3
Ernest Layton	Hankins, N. Y.	18.71	GrG:J	8,052	383.5
Jesse Gardner	Moscow, Pa.	16.60	GrH:J:G	8,847	373.6
F. Emmett Olver	Honesdale, Pa.	30.75	RH	9,873	372.6
Russel A. Sheard	Milanville, Pa.	32.38	P:RH	9,847	362.9
Jay Decker**	Preston Park, Pa.	44.98	Mixed	9,538	362.9
Elmer Doyle	Pleasant Mount, Pa.	39.89	R:PH	10,216	359.6
E. E. Kinsman**	Honesdale, Pa.	24.66	RH	10,878	359.0
Harry Simpson, Jr.	Lake Ariel, Pa.	31.88	RH:Mix.	9,613	352.8
Emmett Hathaway	Equinunk, Pa.	21.35	GrJ	7,006	352.4
Wm. H. Brunig	Honesdale, Pa.	41.43	Mixed	8,503	348.1
R. W. Giles & Sons	Pleasant Mount, Pa.	31.68	Gr:RH	9,703	340.7
Harry Downton	Starrucca, Pa.	19.03	RH	10,268	339.5
Jesse Miller	Waymart, Pa.	20.36	GrH	9,264	338.7
Wm. H. Trevethan	Honesdale, Pa.	34.43	GrJ:GrH	7,717	338.1
Nelson G. Hill	Lookout, Pa.	18.13	GrH	8,267	336.3
C. F. Drake	Waymart, Pa.	41.88	GrHJ:RH	8,677	335.2
B. F. Kennedy	Pleasant Mount, Pa.	41.19	P:RH	9,663	330.9
R. H. Leet	Starrucca, Pa.	28.16	RH	9,385	330.8
Julius Spinner	Honesdale, Pa.	18.26	RH	9,019	326.1
L. H. Grimm	Honesdale, Pa.	19.44	RH	9,544	324.8
Rexford Arnold	Waymart, Pa.	19.58	GrJ	6,731	323.7
Cecil Box	Honesdale, Pa.	14.12	PJ	6,378	322.3
Robert McLain	Moscow, Pa.	12.64	GrH	9,208	322.2
Kelsey Stone	Pleasant Mount, Pa.	37.58	R:GrH	9,107	319.9
F. B. Dunn & Sons	Honesdale, Pa.	30.81	R:GrH	8,866	319.4
C. E. Canfield	Damascus, Pa.	24.35	R:PH	8,239	319.1
Edward Erk	Seelyville, Pa.	40.82	RJ	5,664	317.6
J. Ray Stalker	Equinunk, Pa.	17.39	GrH	8,095	317.2

<i>Name</i>	<i>Owner</i>	<i>Address</i>	<i>Av. No.</i>	<i>Breed</i>	<i>Lbs.</i>	<i>Lbs.</i>
			<i>Cows</i>		<i>Milk</i>	<i>Fat</i>
Clifford Haynes.....		Starrucca, Pa.	14.88	GrH:Mix.	8,805	314.4
Harold Bartlow.....		Cortez, Pa.	11.27	Mixed	6,970	312.4
Charles & Joe Becker.....		Hawley, Pa.	9.04	RA:GrH	7,560	312.3
John S. Canfield.....		Damascus, Pa.	12.47	Gr:RH	8,475	310.2
Claude Stanton.....		Waymart, Pa.	23.17	GrH:GrJ	8,741	306.5
L. C. Beam.....		Waymart, Pa.	28.81	GrG	6,478	300.2

*Herd milked three times daily.

**Part of herd milked three times daily—part of the year.

WESTMORELAND COUNTY

Westmoreland County D. H. I. A., Year Ending Aug. 31, 1943

Lawrence E. Harkleroad, Thelma Kuriger, Irene Dunn; Testers; Post Office Building, Greensburg, Pa.

Westmoreland Co. Home**	Greensburg	28.22	RH	14,930	556.8
Silvis Farms, Inc.*	Greensburg	33.54	RH	12,387	454.9
Rolling Rock Farms	Laughlinstown	12.36	RSw	9,888	442.5
Joseph Kuma	Belle Vernon, R. 2	22.47	R:GrG	9,110	431.8
Joseph Kim	Larimer	16.64	R:GrH:GrG	11,180	428.9
A. S. McIlvaine	Greensburg, R. 3	10.35	R:GrH	12,195	419.6
H. C. Waugaman	Greensburg, R. 4	17.14	Mixed	9,730	414.7
R. C. Kemp	Greensburg, R. 4	14.88	R:GrH:GrG	10,564	411.5
F. E. Lyons & Son	Saltsburg	16.05	R:GrJ	7,542	387.4
J. H. Mathias	Irwin, R.	21.36	R:GrH	10,773	385.4
J. C. Gaut	Scottsdale, R. 1	22.54	RH	10,627	385.1
J. H. Seanor	New Alexandria	28.93	R:GrH:RJ	10,175	375.6
B. C. Walters	Slickville	14.25	Mixed	9,690	374.9
J. Calvin Turner	Belle Vernon, R. 2	18.87	R:GrG	6,718	362.6
Schott & Hughes	Derry	6.98	RG	8,003	361.9
D. N. Cairns & Son	Ligonier, Star R.	15.92	R:GrH	10,174	348.6
Westm'd Homesteads	Norvelt	43.30	R:GrG ^{1/2}	7,194	347.3
Walter Lash	West Newton, R. 1	23.59	RG	7,497	347.2
John Owens	Apollo, R. 2	11.58	R:GrJ	6,744	344.8
F. M. Kintigh	Irwin, R. 2	19.14	R:14	8,759	338.4
Guy Patterson & Son	Belle Vernon, R. 1	19.40	Mixed	9,137	335.6
J. H. Miller	Greensburg, R. 3	22.96	Mixed	8,942	334.4
Clarence A. Lash	West Newton, R. 1	20.24	RG	7,170	332.9
Earl Stewart	Belle Vernon, R. 1	28.73	R:GrG	7,052	331.8
Seton Hill College	Greensburg	24.41	R:GrH	10,110	330.1
R. A. Eisaman	Irwin, R.D. 3	21.82	RH:GrG	8,348	325.9
J. E. Wineman	Youngwood	18.50	Mixed	8,844	322.4
R. M. Peters	Jeannette, R. 1	17.80	GrH	9,042	322.2
R. C. Lemon & Son	Saltsburg, R. 2	17.41	R:GrH	9,185	319.3
E. F. Laufer	Irwin, R.D. 3	16.24	R:GrH:GrG	7,797	308.9
David W. Robertson	Belle Vernon, R. 1	29.61	R:GrG	6,460	306.9
St. Vincent Archabbey	Latrobe	64.44	RH	9,089	304.6
Bethlen Home	Ligonier	11.42	GrH	7,361	302.6
David H. Wells	Bells Vernon, R. 2	15.82	R:GrG	6,212	302.5
Frank N. Stoner	Alverton	18.14	R:GrH	8,445	301.4

*Herd milked three times daily.

**Part of herd milked three times daily.

WYOMING COUNTY

Wyoming County D. H. I. A., Year Ending Aug. 31, 1943

Charles D. Henry, Mehoopany; Donald Hindman, Waverly; Miss Elinor Baker, Tunkhannock, Testers

A. S. Hallock	Laceyville	12.73	RH	12,861	489.5
Vaughn & Luce	Mehoopany	19.87	RH	12,053	424.8
William N. Lane	Tunkhannock	15.93	R:GG	8,403	421.6
Vaughn Bros.	Mehoopany	22.58	GrG	8,405	412.4

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Hobart Furman.....	Mehoopany	27.29	R:GH	11,691	412.0
J. T. Harding.....	Tunkhannock	9.11	RH	12,104	410.9
Melvin R. June.....	Tunkhannock, R.D. 3	12.41	RH	11,424	408.7
Carl Hunter.....	Meshoppen	11.87	R:GrH:Mix.	10,748	407.1
F. D. Collins.....	Laceyville	8.01	GH:Mix.	10,205	403.5
John L. Champion.....	Laceyville	6.37	R:G Shorthorn	9,809	400.0
J. Mark Robinson.....	Tunkhannock	47.14	R:GH:Mix.	10,673	398.9
Oscar Heitsman.....	Tunkhannock	24.26	GrG	8,454	397.2
Hiram Stevens.....	Mehoopany	13.56	GrH	10,891	395.3
Oscar Sickler.....	Osterhout	18.48	GrH:Mix.	9,908	392.5
Edward Prevost.....	Tunkhannock	32.55	RH	11,328	392.2
Frank L. Prins*.....	Mehoopany	17.29	RH	11,704	388.1
B. H. Burgess.....	Tunkhannock	12.28	RG	8,031	386.6
Burt B. Harding.....	Tunkhannock	24.18	R:GrH	10,821	382.0
Ruth & Karl Sherwood.....	Reshoppen	15.53	GH	11,003	381.9
C. B. Allshouse.....	Tunkhannock	17.68	GrG	7,794	381.8
Clarence W. Henning.....	Mehoopany	24.64	RH	10,880	377.7
Wayne Bunnell.....	Meshoppen	13.43	Mix.:GrH	9,811	375.5
Donald L. Williams.....	Tunkhannock	30.16	RH	10,229	372.8
Frank Robinson.....	#2 Laceyville	22.28	R:GrH	10,219	366.4
Donald J. Arthur.....	Laceyville	23.25	RH	10,514	365.3
Carter's Farm.....	Meshoppen	10.73	RH:RJ	7,674	360.0
Larry L. Line.....	Tunkhannock	14.75	GrG	7,485	357.7
Edgar Engleman.....	Noxen	12.05	GrG	7,623	350.3
Howard W. Baker.....	Tunkhannock	13.64	R:GrH:GrG	9,347	348.1
J. Jenkins Brunges.....	Tunkhannock	27.57	R:GrG	7,294	344.0
Harry L. McKune.....	Falls	10.00	RH	9,244	342.7
Rodney C. Decker.....	Tunkhannock	13.65	GrH	9,211	342.5
Charles Gay.....	Tunkhannock	36.31	Mixed	8,289	342.2
John Malloy.....	Laceyville	10.92	GrH:Mix.	9,413	340.5
Fassettdale Farm.....	Mehoopany	11.94	R:GrG	7,033	338.8
Frank Carr.....	Meshoppen	15.84	GrH:Mix.	8,651	338.1
Walter Burgess.....	Mehoopany	14.66	R:GrH	9,273	337.8
Howard F. Brunges & Son	Tunkhannock	71.50	R:GrJ	6,499	336.9
H. F. Hunter.....	Falls	10.24	RH	9,543	336.2
Otto Olofson & Hugo					
Anderson.....	R. #1, Noxen	11.58	Mix.:R:GrH	8,580	335.1
Howard Sands & Son.....	Tunkhannock	14.60	RH	9,903	332.1
St. Michaels Ind. School.....	Hoban Heights	20.69	RH	9,079	331.3
Fred G. Northrup.....	Tunkhannock	25.94	GrH	9,486	330.8
Thos. R. Davis.....	Falls	21.30	R:GrG	7,379	330.6
C. Elmer Dietrich Est.....	Tunkhannock	43.05	R:GrH:R:GrH	6,622	321.6
Frank Macialek.....	Tunkhannock	14.55	R:GrH	8,944	319.8
Stanley A. DeWitt.....	Tunkhannock	16.96	RH:Mix.	9,046	318.2
L. C. Deats.....	Factoryville	10.60	RH	9,212	316.9
Hon. C. B. Tyler.....	Meshoppen	22.30	RH	9,330	316.8
Roy Wintermute.....	Mehoopany	12.65	GrH	8,389	305.7
Walter J. Zenger.....	Tunkhannock	19.47	Mixed	7,573	305.7
Henry W. June.....	Tunkhannock	14.67	R:GrH	8,694	304.4

*Herd milked three times daily for 2 mos.

YORK COUNTY

Central York County D. H. I. A., Year Ending Feb. 28, 1943

Orville C. Smith, Tester, York Co. Ag. Ext. Fed. Bldg., York, Pa.

Lewis J. Appel.....	York, R. 5	15.05	RH:RG	8,679	392.3
Walter A. Gross.....	York, R. 1	30.23	R:GG	7,586	363.5
John S. Brant.....	Dallastown	30.04	R:GG	6,932	332.9
P. M. Bupp.....	Spring Grove	39.96	R:GG	6,819	322.2
Chas. A. Schaefer.....	York, R. 2	17.85	RG	6,597	320.2
John M. Emig.....	York, R. 2	15.75	R:GG	6,563	305.0
E. S. Gross.....	Manchester	40.62	R:GG:GH	6,687	303.5
T. Jerome Heaps.....	Stewartstown	26.72	GG:GJ	6,140	300.0

Name of Owner	Address	Av. No. Cows	Breed	Lbs. Milk	Lbs. Fat
Northern York County D. H. I. A., Year Ending Feb. 28, 1943					
Chas. Woodward, John Messersmith; Testers; York, Pa.					
W. Frank Dummer.....	Mt. Wolf	14.47	R:GG:R:GH	8,367	369.8
E. E. Eichelberger.....	Lewisberry	10.65	R:GH	9,554	356.8
Norman E. Rishel.....	York, R. 5	12.90	RH	9,859	345.0
C. Allen May.....	York, R. 5	44.81	R:GG	6,912	338.4
Lee Poorbaugh.....	York, R. 3	41.67	R:GG	7,184	327.1
Old Forge Farms.....	Spring Grove	147.60	RA:RJ	7,048	318.7
Melville D. Smith.....	Dover	16.65	R:GH	9,565	305.3

Southern York County D. H. I. A., Year Ending Feb. 28, 1943

Robt. M. Scott, Tester, Delta, Pa.

H. Dale Malone.....	Delta	8.87	GG:Mix.	8,599	428.4
R. Clarke Jacobs.....	Red Lion	15.53	RG	7,863	424.3
Wm. J. Parlett.....	Woodbine	26.11	GG	8,261	400.0
Samuel Stewart.....	Delta	10.58	P:GG:Mix.	8,394	384.3
C. Everitt Richardson.....	Whiteford, Md.	25.86	R:GG:Mix.	8,545	368.6
J. H. Handley.....	Delta	16.10	RBSwiss	9,164	375.4
J. Paul Wiley.....	Delta	13.44	GG:Mix.	7,199	355.4
Dale D. Kilgore.....	Woodbine	14.46	R:GG	7,179	350.2
H. J. Handley.....	Delta	17.68	RBSwiss	8,400	346.4
C. L. Eisenhart.....	York, R. 1	30.43	RH	9,834	346.3
Emory M. Kilgore.....	Woodbine	20.16	R:GG	7,475	334.2
Mrs. Mary M. Grove & Son	Bridgeton	16.55	GG:Mix.	6,887	319.8
Gordon & Stone.....	Delta	39.63	GG:Mix.	7,563	318.3
W. S. Grimm.....	Red Lion	57.56	RH	8,809	314.1
Gable L. Arnold.....	Red Lion	14.58	RG	6,716	309.8
Harry Snodgrass.....	Woodbine	18.91	RH	8,931	309.1
Lauxmont Farms.....	Wrightsville	213.95	RH:RJ	7,830	308.2
J. N. Mackison.....	Delta	11.57	RBS:Mix.	7,641	308.1
David Wilson.....	Bridgeton	19.47	RH	7,985	305.6
Ayers & Gross.....	Stewartstown	25.40	Mixed	7,544	301.9
Raye A. Pickle.....	Brogueville	15.91	GG:Mix.	7,280	301.0

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NORMAN C. CHAPMAN, Genesee, Pa. PAUL A. RIE, Honey Brook, Pa.
RALPH L. CULVER, Laceyville, Pa. J. MARK ROBINSON, Tunkhannock, Pa.
JAMES A. MCCONNELL, Mansfield, Pa. SAMUEL B. WILLIAMS, Midletown, Pa.

PENNSYLVANIA DAIRYMEN'S ASSOCIATION
Individual Dairy Cow Life Time Production
Records
HONOR ROLL 1943

924 cows in Pennsylvania Dairy Herd Improvement Associations in 1943 each received a certificate with red, blue or gold seals divided in classes for life time production of butterfat.

636 cows received a certificate with a red seal for the life time production between 3,000-4,000 pounds butterfat.

And 73 cows received a certificate with a gold seal for a life time production of 5,000 pounds butterfat or over.

A complete list of each cow with her owner and production follows.

Compiled by I. O. SIDELMANN

*—Still Producing

**—Final Record, Died

***—Sold for Breeder

ADAMS COUNTY—(Adams Association)

Miss Teresa A. Murren, Tester, Hanover #4, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Edgar W. Weaner, Gettysburg #4</i>					
Mildred Independence Pride, 2044968.....	RH	7-9-32	8y-273d	107,332	3,520.9*
Vera Model Independence, 2039382.....	RH	12-10-30	9y-357d	96,356	3,338.8**

ALLEGHENY COUNTY—(Allegheny Association)

Afred Shingledecker, Tester, Imperial, Pa.

<i>Dundee Farm, Sewickley, Pa.</i>					
Dundee Alice, 323069.....	RG	9-6-30	10y-207d	127,126	6,513.8*
Dundee Bertha, 375581.....	RG	12-12-32	7y-259d	63,763	3,661.5**
Bessie of Dundee Farm, 582467.....	RG	1-4-34	7y-144d	75,677	3,645.0*
<i>Allegheny Co. Workhouse, Blawnox, Pa.</i>					
185 Eartag 23M5185.....	PJ	6-7-29	11y-101d	98,002	5,084.7*
200 " 23M5200.....	PJ	4-10-30	11y-109d	85,364	4,731.9*
193 " 23M5193.....	PJ	3-4-30	11y-77d	74,627	4,031.9*
210 " 23M5210.....	PJ	3-11-31	9y-268d	72,753	3,925.8*
0247 " 23M5248.....	PJ	6-28-32	7y-364d	68,288	3,358.0**
241 " 23M5241.....	PJ	3-11-32	8y-56d	60,827	3,264.2**
264 " 23M5264.....	PJ	5-3-33	7y-137d	59,680	3,204.6*
219 " 23M5219.....	PJ	9-30-31	8y-60d	61,129	3,155.3**
230 " 23M5230.....	PJ	2-19-32	8y-148d	63,800	3,109.4**
<i>Allegheny County Home, Woodville, Pa.</i>					
Albus Farm Pearl, 1343965.....	RH	7-9-28	8y-212d	134,797	4,453.2*
Hengerveld Sylvia Fayne, Eartag 810.....	RH	10-21-32	8y-173d	104,519	4,228.9*
Albus Farm Ona Sweet Ruby, 1540200.....	RH	11-20-31	8y-212d	114,345	3,986.2*
Silver Glen Admiral Fannie Ormsby, 1555608.....	RH	2-7-32	8y-184d	110,539	3,814.2**
<i>Woodville State Hospital, Woodville, Pa.</i>					
Florence 3, not reg.....	PH	3-15-32	8y-235d	105,035	3,862.2*
Albus Farm Bess, 1427193.....	RH	8-26-29	8y-212d	107,522	3,810.3*
Leona Sarcastic Walker, 1489053	RH	7-31-30	10y-202d	111,362	3,589.6*
Walker Lass Pontiac Hengerveld, 1775449.....	RH	12-24-34	6y-130d	98,249	3,404.2*
Pauline Ensign Sarcastic, 1723560	RH	6-20-33	7y-345d	99,945	3,402.4*
Sylvia Hengerveld Artis, 1775441	RH	8-8-34	6y-114d	88,962	3,274.3*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Guy A. McWreath, McDonald, Pa.</i>					
* Pauline Homestead Melba, 1934876.....	RH	4-9-33	8y- 67d	111,570	3,812.5*
<i>John Bamford, Midway, Pa.</i>					
Progress Lookout Pet, 1008343....	RJ	12-22-32	8y-132d	66,703	3,751.1*
Martha Raleigh Rose, 972391....	RJ	5-13-31	7y- 62d	68,720	3,214.2**
<i>Fairacres Farm, Sewickley, Pa.</i>					
Lady-Bug of Snowden, 381254....	RG	2-27-33	6y- 61d	61,066	3,197.1*
<i>Joseph W. Cain, Bulgar, Pa.</i>					
Dinky Eartag, 23D7609.....	GrG	6-1-30	8y- 61d	78,829	3,150.2*
Progress Bess Lucile, 109490....	RJ	8-11-34	6y-166d	60,705	3,119.4*
<i>Mayoview State Hospital, Mayoview, Pa.</i>					
100 Eartag, 23G1100.....	PH	10-15-33	6y-205d	91,474	3,018.5*

ARMSTRONG COUNTY—(Armstrong Association)

Eugene Little, Tester, c/o S. B. Shenk, Kittanning, Pa.

<i>H. S. Hogg, Worthington, R. 2</i>					
Ear Tag, AD31.....	GrH	12-21-29	11y-139d	105,388	4,488.3*
Ear Tag, 69238R.....	GrG	2-2-29	10y	114,044	4,231.3*
<i>Koenig Brothers, Tarentum, R. 1</i>					
Bluff View Swartz Lena, 1738808	RH	1-8-29	7y-182d	125,392	4,155.5*
<i>John M. Reed, Kittanning, R. 3</i>					
Hesheldon Mermaid, 302202....	RG	2-28-30	10y- 92d	84,479	3,545.0**
Nellie Faynes Pet, 404936.....	RG	8-6-31	9y- 92d	77,758	3,513.7**

BEDFORD COUNTY—(Bedford Association)

Clair E. Ritchey, Tester, Hopewell, Pa.

<i>D. Luke Bouser, New Enterprise, New Enterprise, Pa.</i>					
Grub, E51417.....	GrJ	Fall 32	9y	71,553	3,601.3
Vergie, E32405.....	GrH	Fall 31	8y- 62d	83,861	3,012.7
<i>Galen Fury, New Enterprise, Pa.</i>					
Sparky, 23E5023.....	GrG	Spr. 33	8y-130d	74,155	3,351.3
Topsy, 23E5030.....	GrG	5-6-35	6y-202d	53,880	3,096.2
Lade, 23E5017.....	GrG	Sum.32	7y-312d	59,903	3,000.5*
Star.....	GrG	Sum.32	8y-281d	95,460	4,328.9
Posey.....	GrG	Spr. 34	7y-282d	75,780	3,682.6

BERKS COUNTY—(Berks Association)

<i>Riveredge Farm, Reading, R. #2</i>					
Crescent Ultra Pride, 295960....	RG	6-25-29	11y-123d	117,512	6,626.7*
<i>Foxbury's Neater's Dipper, 323049.....</i>					
Pleasant Plains Loyal, 450380....	RG	4-14-30	10y-220d	105,613	5,828.4*
Riveredge Ultra Pride, 407766....	RG	5-20-33	7y-294d	95,631	4,472.6*
<i>Flying Hill Farm, Reading, R. #1</i>					
Flying Hill Lucinda, 329890....	RG	11-27-33	6y-350d	71,086	3,413.7*
Flying Hill Clementine, 327466....	RG	3-1-31	9y-103d	94,654	5,082.3**
Flying Hill Lustre, 328122.....	RG	6-29-30	10y-140d	93,890	4,867.5**
Flying Hill Ornament, 384947....	RG	1-8-31	10y- 94d	82,098	4,604.4*
Flying Hill Hearts Grace, 435957	RG	1-30-33	8y-114d	90,176	4,155.4*
<i>Wernersville State Hospital, Wernersville</i>					
No. 306.....	GH	1-1-34	6y-227d	84,425	3,663.2*
No. 350.....	GH	6-11-28	12y-142d	139,117	5,053.6*
No. 433.....	GH	12-18-30	8y-312d	129,626	4,286.3*
<i>Bethany Orphans Home, Womelsdorf</i>					
Rose.....	GH	11-5-33	7y-146d	88,901	3,099.6*
<i>Lonicera Farm, Douglassville</i>					
Lizette 3rd.....	GrG	4-11-27	14y	168,311	5,049.2*
Clara 2-1.....	GrG	4-19-29	9y-306d	96,120	4,459.9*
		3-27-30	9y-153d	85,162	3,734.8**

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Belle Alto Farm, Wernersville</i>					
Regent's Sadie, G140.....	RG	11-15-31	8y-246d	84,634	3,984.0*
Laurel Locks Letter, 374870....	RG	1-1-30	10y-138d	77,043	3,763.2**
<i>W. H. Dreibelbis, Shoemakersville</i>					
Prince Charming Daisy, 445845....	RG	12-24-32	7y	63,336	3,438.2*
Fawndaway Proud Kerty, 332029.	RG	10-10-30	7y	59,253	3,388.1*
<i>L. G. Schaum, Womelsdorf</i>					
Phyllis Abbebeck Fayne.....	RH	6-20-32	8y	93,200	3,262.3*

BLAIR COUNTY—(Blair Association)

Wm. Trimer, Donald S. Sollenberger; Testers; Hollidaysburg, Pa.

<i>D. A. Morrow, Tyrone, R.D.</i>					
Creamcup of Hillside, 274092....	RG	12-21-28	11y-286d	132,849	6,379.7*
Laddies Betsy of Hillside, 258247.	RG	2-3-28	12y-290d	117,775	5,764.2*
Dukes Puella of Hillside, 162254.	RG	7-22-30	10y- 35d	93,501	4,596.5**
<i>J. W. Burket & Son, Tyrone, R.D.</i>					
Laddies Elizabeth, 241111.....	RG	5-12-20	13y-110d	133,541	6,107.2*
Gayhead's Queen Patricia, 355641	RG	8-10-30	9y- 76d	83,100	4,681.6*
Pearl.....	GrG	9- 8-32	8y	71,277	3,691.1*
Gayhead's Anita, 410543.....	G	1-31-34	6y-18d	66,082	3,050.1*
<i>M. C. Bagshaw & Son, Hollidaysburg, R.D.</i>					
Pauline J., 18940.....	RSw	5-12-23	16y-253d	149,153	6,030.0**
Lill.....	GSw		12y- 90d	104,787	4,267.7*
<i>Preston C. Smith, Martinsburg, R. D.</i>					
Rose.....	GH		14y- 84d	131,876	5,223.5***
<i>Albert Smith, Hollidaysburg, R.D.</i>					
Marie of Jait Hall, 221313.....	RG	4-8-25	12y-325d	103,870	4,848.7**
Dukes Betty of Hillside, 394960....	RG	5-7-33	9y- 19d	86,373	4,077.8*
Duke's Spot of Hillside, 319255....	RG	8-27-32	8y-225d	77,445	3,792.9*
<i>G. Clair Smith, Martinsburg, R.D.</i>					
Creamelle Betsy DeKol, 1463617	RH	1-10-30	10y-106d	119,213	4,079.7*
Segis Star Colantha, 1673137....	RG	7-8-31	9y	94,200	3,962.0*
<i>L. K. Sollenberger, Curryville</i>					
Teddy's Beauty of Cedar Grove, 531856.....	RG	8-3-33	7y	76,274	3,630.1*
Nellie.....	GrG	1932 est.	6y-334d	66,065	3,201.3***
Flossie.....	GrG	10-2-33	7y	57,966	3,039.3*
<i>Emory Sollenberger, Williamsburg</i>					
Colantha Beauty Sensation, 1783478.....	RH	6-2-34	6y-318d	91,587	3,099.2*

BRADFORD COUNTY—(Canton Association)

Miss Gertrude Curley, Tester, Wyalusing, Pa.

<i>P. L. Isaacs, Canton, Pa.</i>					
DeKol Korn. Holingen (Twin), 1477132.....	RH	11-4-29	11y-126d	124,955	4,692.5*
<i>Gemco Holingen Abbekerk, 1674109.....</i>					
Gemco Veeman Ormsby, 1674112	RH	7-7-30	9y-273d	124,264	4,088.4*
<i>T. M. Watts, Canton, Pa.</i>					
Topsy, ET 23E7128.....	GH	12-27-32	7y-296d	101,083	3,787.0**
Wattsmeade Piebe Aaggie Alc., 1618810.....	RH	7-22-31	9y-305d	96,640	4,408.4***
<i>Charles Bedford, Canton, Pa.</i>					
Beauty Alcartra Wayne, 1486673.	RH	4-23-32	9y- 14d	108,909	4,122.3*
<i>Mrs. Neva Fleming & Son, Granville Summit</i>					
Mountain View Mary, 497173....	RG	4-29-28	12y-243d	115,219	3,646.1*
Mountain View Queen Marie, 445861.....	RG	7-5-34	6y-109d	67,249	3,456.0*
<i>R. H. Fleming, Estate, Troy, Pa.</i>					
Elm Brook Alcartra Amleto Segis, 1733941.....	RH	10-19-32	7y-204d	65,820	3,110.0*
		12-1-33	7y-243d	94,161	3,428.0*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Elwin Baldwin, Canton, Pa.</i>					
Elm Brook Alcartra Segis Lass, 17339400.....	RH	11-8-33	8y-243d	90,458	3,175.0*
Addie, ET 2314024.....	GH	7-15-33	7y- 16d	75,925	3,110.5**
<i>Harold Moody, Canton, Pa.</i>					
Elm Brook Johanna Beets Pont., 1573848.....	RH	6-11-32	8y-237d	90,910	3,110.1**

BRADFORD COUNTY—(Laurel Hill Association)

Raymond J. Hall, Tester, Court House, Towanda, Pa.

<i>F. W. Gorham, Wysox, Pa.</i>					
Wesauking Columbia Pauline, 1604420.....	RH	9-2-31	9y-337d	125,366	4,406.4**
Wesauking Korney Butter Girl, 1678290.....	RH	2-19-32	8y-277d	104,404	3,505.8***
<i>Royal D. Slater, Towanda, Pa.</i>					
Daisy, ET W 6369.....	GH	9-19-33	7y-222d	81,577	3,904.2*
Irene, ET H-76383.....	GH	10-1-32	7y-130d	78,609	3,606.4**
Pickles ET 45968M.....	GH	11-19-29	7y-130d	83,713	3,405.1**

BRADFORD COUNTY—(Ulster Association)

Ray Arnold, Tester, RD. 2, Towanda, Pa.

<i>G. S. von Wolfradt, Athens, Pa.</i>					
Hillside Chief Bobette, 982254.....	RJ	9-10-31	9y-339d	88,852	4,699.7*
Chief Flora Lucy, 1018719.....	RJ	9-9-32	8y-222d	78,467	4,287.3*
<i>G. E. Beach, Columbia Cross Roads, Pa.</i>					
Pansy Segis Princess, 1548144.....	RH	4-27-31	7y-357d	93,651	3,589.4**
<i>M. G. Pipher & Son, R.D. 5, Towanda, Pa.</i>					
Holstein, ET AB63438.....	Mix.	1932	7y- 63d	72,366	3,168.2**
<i>Charles S. Chaffee, Ulster, Penna.</i>					
Sheshequin Laura Genevieve, 1775594.....	RH	4-12-34	7y- 92d	76,541	3,107.9*

BRADFORD COUNTY—(Wyalusing Association)

Julius Rosengrant, Tester, c/o County Agent, Towanda, Pa.

<i>John H. Howard, Wyalusing, Pa.</i>					
Skyline Leona Artis, 1336454.....	RH	5-24-28	9y-325d	111,994	4,194.1*
Skyline Countess Segis, 1223666.....	RH	3-11-27	10y-284d	104,738	3,74.44**
Ballard Farm Pontiac Korndyke, 3rd, 1671211.....	RH	12-8-32	8y-239d	101,643	3,586.9*
Skyline Abbie, 1680908.....	RH	8-27-32	7y- 95d	87,996	3,245.7*
Skyline Veeman Maid, 1606908.....	RH	9-29-31	8y- 00d	90,250	3,144.8*
<i>Marion Bennett, Laceyville, Pa.</i>					
Bendale Eva Gray Fox, 1083322.....	RJ	9-16-34	6y-341d	62,454	3,891.3*
Bendale Jean, 1016664.....	RJ	12-31-32	8y- 95d	60,783	3,462.2*
Bendale Dora, 1083323.....	RJ	12-12-34	5y-235d	58,510	3,425.2**
Betty Floss of Bendale, 1083324.....	RJ	12-19-34	6y-120d	52,278	3,283.0*
<i>O. L. Fish, Wyalusing, Penna.</i>					
No. 17, ET AF20922.....	GG	4-12-32	5y-181d	66,949	3,017.5*
<i>Taylor McCarty, Sugar Run, Pa.</i>					
Elmglade Hartog, 1716754.....	RH	11-9-33	6y-250d	85,514	3,016.3**

BUCKS COUNTY # (Bucks Association)

Russell Pitt, Stanley Stauffer, W. Weirman, Earl Baum, Eugene Hite, William Campbell, Theodore Westberg, Testers

<i>J. O. Canby, Hulmeville</i>					
Juanita Ormsby Julia, 1070197.....	RH	10-19-25	11y-173d	179,979	5,956.3**
<i>Alvin Worthington, Newtown</i>					
Kitty.....	GG	1925	12y-183d	122,613	5,437.2**
Golden Master's Nellie, 369495.....	RG	4-4-32	8y-117d	69,956	4,157.9*
Patsy.....	GH	1929	8y- 90d	104,498	3,772.7*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>C. H. Smith and Son, Wycombe</i>					
Robin Run's Ida Lotta, 305728.....	RG	11-9-29	10y-340d	101,915	5,032.3*
Robin Run's Kala Lotta.....	RG	3-22-31	9y-231d	78,910	4,370.9*
Robin Run's Lotta, 368703.....	RG	3-28-32	8y-295d	73,657	3,612.2*
Robin Run's Maizie, 402404.....	RG	9-13-33	7y- 72d	66,737	3,568.3*
Robin Run's Natalie, 412686.....	RG	1-23-34	6y-334d	69,273	3,430.9*
Robin Run's Marigold, 469180.....	RG	5-6-33	7y-220d	66,066	3,383.0*
Robin Run's Marquita Lotta, 462833.....	RG	4-12-33	7y-210d	54,390	3,352.7*
Robin Run's Marilyn, 402405.....	RG	9-15-33	6y-245d	59,170	3,297.7*
Robin Run's Nola Lotta, 457415.....	RG	8-11-34	6y-152d	61,519	3,018.7*
<i>J. Howard Cliffe, Ioyland</i>					
Greenfield Matilda, 347729.....	RG	8-27-29	11y-165d	100,379	4,971.2*
Greenfield Marie.....	RG	7-14-28	10y-214d	98,849	4,621.9**
<i>E. F. Stewart, Colmar</i>					
Lady Mary of Pinebrook, 352307.....	RG	10-5-31	10y- 49d	104,791	4,798.6**
Joan of Pinebrook, 339184.....	RG	1-31-31	9y-205d	81,493	4,254.1**
Lou of Pinebrook, 380199.....	RG	10-10-32	7y-308d	73,610	3,702.7***
Martie of Pinebrook, 390869.....	RG	3-7-33	6y-226d	60,164	3,469.6***
Crusader's Sarah, 419419.....	RG	6-9-34	6y- 90d	70,408	3,405.8*
Jean of Pinebrook, 418473.....	RG	11-30-33	6y-134d	59,149	3,189.4***
<i>Williams & Harley, New Hope</i>					
Nigger.....	GG	10-18-28	10y	98,825	4,781.8*
<i>Trustees, Univ. of Penna., Phila.</i>					
Boulderwood Calla Lilly.....	RG	5-12-27	9y-182d	93,311	4,466.2*
Star Daylor Heroine, 273520.....	RG	9-17-28	9y-291d	75,902	3,969.1*
Raider's Alice of Bolton, 271864.....	RG	2-11-29	9y-336d	72,125	3,691.5*
Lucinda of Bolton, 377762.....	RG	2-5-33	6y	58,378	3,283.0*
<i>Homer Wentz, Quakertown, #2</i>					
Veeman Ormsby Snowball, 15965.....	RH	3-23-29	10y-187d	123,626	4,307.2**
<i>George S. Havens, New Hope</i>					
Fern's Faith of Limeport.....	RG	10-19-27	13y-334d	94,279	4,157.9*
<i>Willard W. Wright, Yardley</i>					
Weonland Special Ormsby fayne, 1570213.....	RH	9-27-31	8y-226d	109,812	4,145.3**
Breezyvale Goldine Pontiac, 1467767.....	RG	12-31-30	10y- 6d	110,340	3,904.0*
Lizzie.....	GH	10-4-30	9y-355d	113,465	3,644.5**
<i>T. H. Kleinhoff, Doylestown</i>					
Tinnie of Pinebrook, 293616.....	RG	6-25-29	10y- 89d	87,997	4,060.5***
<i>Max Frey, Ottsville</i>					
Susie.....	PJ	1928	9y-359d	85,262	4,053.3*
<i>George Hunsberger, Plumsteadville</i>					
Belle Crest Lady Ormsby, 1757776.....	RH	1-16-34	6y-356d	93,943	3,993.2**
Ganal Coye Ormsby, 1443017.....	RH	9-26-29	6y-152d	97,072	3,622.5*
Belle Crest Ormsby Aaggie, 1757778.....	RH	2-19-34	6y-195d	82,611	3,032.4*
<i>Wilmer A. Twining, Wycombe</i>					
Lingohocken Betty Jo, 1490964.....	RH	12-2-30	10y- 53d	114,813	3,905.1*
<i>J. S. Briggs, Yardley</i>					
Ashland Sailor's Lassie, 327368.....	RG	8-9-30	9y-321d	83,143	3,807.6*
Ashland May Rilma, 328612.....	RG	9-14-30	10y- 82d	86,502	3,778.6*
Ashland Fancy, 374693.....	RG	6-9-32	8y- 74d	69,122	3,404.8*
Ashland Gifted Dora, 384380.....	RG	11-22-32	7y-269d	69,355	3,247.5*
Ashland Ultra Royal Rosalie, 408726.....	RG	11-25-33	6y-275d	60,741	3,241.3**
<i>Isaac S. Gross, Plumsteadville</i>					
Grosslyn Ormsby Dime, 1596733.....	Hol.	2-13-30	10y-176d	107,567	3,692.0*
Grosslyn Prospect Pearl, 1589095.....	Hol.	10-1-29	10y -92d	109,567	3,497.6**
Grosslyn Ormsby Dudley May, 1659067.....	Hol.	11-11-30	9y-286d	99,471	3,468.7*
Grosslyn Ormsby Sensation Pet, 1589092.....	Hol.	9-10-30	9y- 27d	85,889	3,088.4**

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Philip W. Smith, New Hope</i>					
Rilly Bell of Evergreen, 437960	RG	2-22-33	7y-114d	74,948	3,525.9***
Evergreen's Rilla Bell, 459267	RG	2-19-34	7y-86d	71,380	3,478.5*
Letitia Glenglad of Evergreen, 486647	RG	7-2-34	6y-53d	60,866	3,280.4***
Evergreen Fuchsia Lass, 418400	RG	10-24-32	6y-229d	60,582	3,161.2***
Evergreen's Hopeful Rilma, 557885	RG	12-13-35	4y-229d	59,264	3,087.8*

BUTLER COUNTY—(Butler Association)

John Breneman, Southern Section; Merle Fisher, Central Section; Henry Sanderson, Northern Section; Testers; Community Bldg., c/o Co. Agent's Office, Butler, Penna.

<i>C. B. Wachsmuth, Portersville 1</i>					
Nellie's Cora Gay, 260378	RG	6-21-28	10y-291d	105,691	5,196.7**
King's Jennybelle, 271105	RG	11-8-28	11y-322d	96,991	4,669.7**
Cora's Gay Rambler, 403494	RG	10-1-33	7y-247d	74,135	3,283.8*
Noble's Polly Bud, 393290	RG	4-14-33	8y-7d	65,560	3,193.8*
<i>Hugh Fergus, Slippery Rock, R.D.</i>					
Dinah	GG	7-31-28	11y-320d	117,816	5,189.0**
<i>Paul Blair, Butler, R.D. 6</i>					
Nadine of Blairsdale, 395730	RG	11-2-30	9y-309d	75,624	4,365.9*
Conradine, 414159	RG	10-30-31	8y-287d	82,500	3,856.2*
<i>John L. Schiever, Harmony 1</i>					
Star	GH	?	8y-179d	102,283	4,328.1***
Option's Oxford Rose, 1012300	RJ	8-14-32	8y-227d	75,983	3,672.8**
Topsy	GH:J	2-19-33	8y-47d	78,236	3,462.4*
<i>A. J. Lang, Cabot, R.D. 1</i>					
Lotta Sylvia Segis, 1326608	RH	10-21-25	9y-274d	107,078	3,984.3*
<i>McCandless Brothers, Butler, R.D. 5</i>					
Creamy Daisy of Hermitage, 1037443	RJ	6-14-33	8y-23d	74,568	3,848.7*
Creamy Joyce of Hermitage, 985720	RJ	11-28-31	9y-176d	67,819	3,437.5*
Creamy Pansy of Hermitage, 1038153	RJ	6-18-33	7y-197d	65,586	3,375.5**
<i>Clyde Pepper, Portersville</i>					
Perfection Joan, 331796	RG	10-7-30	8y-304d	87,217	3,796.0*
<i>R. N. Dickey, Slippery Rock</i>					
Queen Ann's Pet, 267809	RG	9-1-28	9y-257d	87,770	3,729.8*
<i>C. R. Hartzell, Butler, R.D. 6</i>					
Leonabelle Fawn, 469183	RG	4-19-33	7y-30d	63,344	3,635.6*
Fawn's Marie	RG	11-22-32	7y-128d	69,857	3,543.8*
<i>Clyde Moore, Slippery Rock</i>					
Queen, E58889	GG	8-2-32	6y	68,285	3,193.8*

CAMBRIA COUNTY—(Cambria Association)

Robert Nelson, Tester, Altoona, R.D., Pa.

<i>W. Griffith Estate, Ebensburg, Pa.</i>					
Woodlawn Emma Lou, 355082	RG	2-18-30	10y-124d	85,775	5,092.2*
Noble's Beauty of Ebensburg, 259472	RG	6-23-28	12y-94d	100,855	4,833.4*
Woodlawn Home Pride, 355081	RG	7-19-29	10y-138d	95,069	4,469.2*
<i>J. E. Hindman, Tyrone, R.D. #2, Pa.</i>					
Catherine of Quietude, 260736	RG	3-11-28	11y-84d	78,809	4,033.3**
Quietude's Milkmaid, 284532	RG	1-24-29	10y-151d	84,666	3,994.6*
Floss' Fairy Queen, 268364	RG	7-6-28	8y-120d	70,965	3,828.0*
Quietude's Bell, 283881	RG	1-9-29	9y-112d	77,676	3,740.4**
Sonny Lou of Quietude, 338931	RG	1-8-30	7y-174d	61,930	3,302.2*
Quietude's Wild Cherry, 348937	RG	6-18-31	7y-264d	62,345	3,035.2*
Alleen of Quietude, 357322	RG	12-5-31	7y-264d	63,719	3,008.6

CENTRE COUNTY—(Centre County Association)

Thomas Fox, Mill Hall, Pa.; Ira Whiteman, Oak Hall Station, Pa.; Testers

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>F. E. MacIntire, Rebersburg, Pa.</i>					
Kenwood Ormsby Korndyke					
Lipkje	RH	11-8-30	10y-274d	150,498	5,078.3*
Kenwood Susie Pontiac	RH	1-6-32	9y-28d	99,619	3,477.9**
Kenwood Star Pontiac, 1776281	RH		6y-167d	77,100	3,145.4*
<i>Western Penitentiary, Bellefonte, Pa.</i>					
Nittanyvale Aaggie Piebe	RH	9-9-32	7y-259d	149,581	5,060.6*
1141	GrH	3-19-32	7y-144d	132,848	4,793.9**
Nittanyvale Winterthur Loyal-sock	RH	3-21-32	8y-73d	152,635	4,605.9*
1110	GrH	1-12-32	7y-219d	140,649	4,546.0**
1253	GrH	8-6-33	6y-278d	105,087	4,484.7*
1229	RH	3-16-33	5y-163d	132,157	4,336.7*
Nittanyvale Winterthur Blanche	RH	7-18-32	7y-253d	137,233	4,307.6**
Nittanyvale Great Lady	RH	11-16-33	6y-274d	124,770	4,193.3*
Nittanyvale Malam Lady	RH	5-24-34	6y-146d	114,405	4,085.3*
Nittanyvale Clothilde	RH	2-10-34	6y-186d	106,174	3,564.2*
1340	GrH	8-15-34	5y-124d	84,318	3,497.2*
1369	GrH	11-22-34	5y-275d	106,117	3,492.1*
1383	GrH	1-3-35	5y-201d	99,873	3,420.0*
1436	GrH	7-5-35	5y-118d	104,636	3,409.5*
1403	GrH	3-3-35	5y-141d	98,616	3,381.9*
1481	GrH	1-22-36	4y-249d	93,175	3,148.5*
1454	GrH	11-28-35	4y-171d	81,826	3,086.6*
<i>E. M. Peters, Port Mathilda, Pa.</i>					
Nit-a-nee Lady Piebe, 1261578	RH	2-28-28	11y-75d	146,565	4,918.0*
Oak Cress Lyons Lady Piebe	RH	3-21-35	6y-4d	87,883	3,083.2*
<i>Harry M. Smith, Bellefonte, Pa.</i>					
Pauline Clothilde Alcartra	RH	5-5-30	9y-300d	87,134	3,764.2*
<i>C. F. Beck, Warriors Mark, Pa.</i>					
Crescent Spring Alice	RH	1-12-33	7y-221d	102,433	3,546.1*
<i>Locust Lane Farm, Beech Creek, Pa.</i>					
Springwater Dina	RG	5-24-28	9y-113d	73,462	3,469.3*
<i>Fox Brothers, Mill Hall, Pa.</i>					
Fox Farms Morning Star Jupiter	RH	1-9-33	7y-284d	89,890	3,416.1*
<i>I. Kline Confer, Salona, Pa.</i>					
May	GrH	10-4-32	8y-230d	88,516	3,288.2*
<i>Eugene Ellenberger, Warriors Mark, Pa.</i>					
Smoky Lois Pleasant Fern	RJ	8-11-31	7y-332d	60,003	3,197.1*

CHESTER COUNTY—(Chester Valley Association)

John J. McAllister (A. Symington, M. Stump, S. Pepple), Tester, West Chester, Pa.

<i>William M. Lloyd, Downingtown</i>					
Valley Brook Prince's Nita, 855540	RJ	11-3-28	11y-275d	82,466	4,088.9**
Combination Queen Betsy, 979993	RJ	2-20-32	9y-112d	66,668	3,338.4*
Combination's Martha, 979989	RJ	8-29-31	9y-67d	68,770	3,512.9*

CHESTER COUNTY—(Coventry Association)

Ada M. Symington, Tester, West Chester, Pa.

Laurel Locks Lannette, 391615	RG	1-14-31	9y-243d	75,030	3,774.6
<i>Donnell Marshall, Pottstown, Pa.</i>					
Laurel Locks Lay, 368479	RG	6-30-30	11y-0d	88,229	4,576.5
Laurel Locks Ryentle, 424237	RG	4-22-32	8y-358d	67,541	3,345.5
Laurel Locks Loree	RG	12-28-31	9y-103d	75,191	3,685.4
<i>Furman Gyger, Kimberton, Pa.</i>					
Adequate Polly Pontiac-Posch	RH	9-30-31	9y-60d	101,838	3,591.3

CHESTER COUNTY—(Oxford Association)
 Maurice Stump, Tester, Oxford, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Everett Holt, Lincoln University, Pa.</i>					
Sayda's Sophie G., 878593.....	J	1-5-29	12y-295d	99,707	5,646.0**
Annie.....	GJ	4-12-31	10y-176d	75,249	3,815.9**
Floris.....	GJ	5-12-31	9y-130d	71,754	3,701.1*
Mary.....	GJ	9-3-31	9y-284d	76,959	3,671.2*
Lady.....	JG	2-6-23	8y-158d	66,053	3,305.1*
Polly.....	CG	12-12-33	7y-217d	62,616	3,234.1*
Lorane.....	CG	8-4-31	10y-316d	73,541	3,777.7**
<i>D. Lester Gallagher, Peach Bottom, Pa.</i>					
Hope of Penn View, 343871.....	RG	12-15-30	10y-243d	106,070	5,312.1*
Pauline of Penn View, 337758.....	RG	10-24-30	10y-132d	76,920	4,141.4*
<i>H. S. Gatchell, Peach Bottom, Pa.</i>					
Lassie Lady Moon G., 923487.....	RJ	1-16-30	11y-208d	92,528	5,198.3*
Dell's Daffy G., 916-559.....	RJ	11-23-29	11y-302d	87,866	4,832.5*
Lady Lett G., 1025854.....	RJ	12-6-32	8y-174d	81,108	4,192.2*
Lady Valentine Hillacres, 1031974	RJ	2-14-33	8y-223d	70,864	4,188.4*
Amakura G., 1012841.....	RJ	9-28-32	8y-147d	67,243	3,830.1*
<i>Mrs. Louise Wade, Chatham, Pa.</i>					
10.....	GH	?	10y-171d	125,634	4,555.9*
37.....	GJ	?	12y-46d	90,439	4,354.8*
26.....	CG	?	10y-356d	99,082	4,335.1**
27.....	GH	?	10y-30d	103,842	4,230.8*
6.....	GJ	?	9y-157d	70,638	3,303.1**
15.....	GJ	7-2-33	7y-184d	56,078	3,010.0*
<i>Conner & Killinger, Avondale, Pa.</i>					
Bright Bell, 1000725.....	RJ	4-20-31	10y-222d	75,303	4,340.6*
<i>H. L. Stubbs, Oxford, Pa.</i>					
21.....	H:G:Mix.	?	9y-160d	116,693	4,333.8**
Jordan St. Wayland, 1262190.....	RH	8-11-27	10y-61d	113,665	3,752.3*
Jordan Aaggie Ormsby, 1263664.....	GG	?	9y-326d	81,467	3,583.2**
Jordan St. Bernadette Vale, 476913.....	RH	9-23-26	9y-195d	97,772	3,443.1**
14.....	GJ	11-27-30	10y-61d	113,821	3,430.4*
<i>Thomas Sloan, Oxford, Pa.</i>					
24.....	H:J:Mix.	?	8y-268d	99,456	4,145.8*
<i>Edward H. Goodwin, West Grove, Pa.</i>					
18, Peggy.....	HG	1931	8y-162d	100,816	4,073.5**
Red Clover G., 1063456.....	RJ	4-6-34	6y-223d	65,212	3,316.4*
12.....	GJ	?	8y-193d	56,563	3,244.2*
9.....	GJ	?	8y-274d	71,555	3,203.7**
Oxford Perfection Clover, 1113551.....	RJ	1-28-36	5y-281d	54,397	3,060.9*
2.....	GJ	1932	7y-62d	57,825	3,013.0*
<i>Lewis J. Brown, Nottingham, Pa.</i>					
Maid.....	PH	9-21-30	10y-243d	123,659	4,013.1*
<i>P. S. duPont, Kennett Square, Pa.</i>					
Longwood Glitter, 419774.....	RG	10-15-32	7y-266d	75,360	3,780.0*
Longwood, 423624.....	RG	11-14-34	6y-217d	58,609	3,169.1*
<i>Hayes Lindsey, Oxford, Pa.</i>					
Sally.....	CG	1930	9y-304d	79,240	3,774.4**
<i>Hayes & Shoemaker, Oxford, Pa.</i>					
Greenwood Abekerk Ormsby, 1681208.....	RH	10-20-31	9y-180d	115,490	3,456.2**
Greenwood Helena, 1681209.....	RH	9-1-32	7y-164d	106,555	3,255.1**
<i>O. W. Shortlidge, Lincoln University, Pa.</i>					
32.....	GH	9-20-35	?	71,507	3,083.6*
1.....	GG	?	7y-243d	69,721	3,081.2*
15.....	GG	1-6-36	7y-128d	54,646	3,068.5**
Quality Park Phyllis Ormsby, 1623009.....	RH	4-23-33		89,082	3,048.5*

CHESTER COUNTY—(West Chester Association)
 Shannon Pepple, Tester, West Chester, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Frank A. Keen, West Chester, Pa.</i>					
Blue Rock Katherine, 1383338.....	RH	1-4-29	24y-241d	147,490	5,200.5*
Blue Rock Princess Cedar, 1583273.....		1-6-32	9y-35d	107,003	4,081.5*
Blue Rock Hattie Ceres, 1627696	RH	2-26-33	8y-258d	99,402	3,600.4*
Blue Rock Hattie Brunhilde, 1627695.....	RH	12-24-32	8y-137d	92,350	3,224.2**
Blue Rock Princess Olive, 1761947.....	RH	1-27-34	7y-94d	82,401	3,177.2*
<i>Liseter Farm, R. J. Austin, Newtown Square.</i>					
Africander's Gold of Liseter, 434407.....	RG	7-23-33	8y-163d	76,972	4,462.2*
Sunny Liseter Esperance, 407716	RG	6-7-32	9y	84,220	3,901.2*
Regina's Africander's Gloria, 462745.....	RG	10-20-33	7y-272d	69,542	3,835.0*
Belladonna of Liseter Farm, 276853.....	RG	8-29-28	8y-222d	73,718	3,730.9**
Brown Eye Lady Lily, 395655.....	RG	5-1-33	8y-20d	76,232	3,683.1*
Goldie of Lincoln View Farm, 393860.....	RG	1-10-33	7y-328d	69,664	3,421.7**
Libelsun's Clover, 503152.....	RG	9-24-34	6y-286d	65,740	3,268.6*
Liseter May Belle, 479939.....	RJ	4-3-34	7y-91d	69,777	3,190.9*
Africander Liseter Cream Cup, 43446.....	RG	4-26-33	8y-50d	57,164	3,126.4*
Liseter Africander's Belladonna, 517882.....	RG	1-5-35	6y-137d	63,453	3,115.1*
Libelsun's Nellie, 462747.....	RG	1-19-34	7y-195d	64,978	3,107.1*
Ceres of Liseter, 490838.....	RG	7-7-34	7y-16d	63,914	3,059.6*
<i>Westtown School Farm, Westtown</i>					
A24.....	GrH	10-2-31	9y-268d	112,580	3,945.9*
Eclipse of Liseter Fm., 389162.....	RG	5-28-33	8y-15d	67,828	3,463.5*
A51.....	GrH	3-2-34	7y-20d	82,759	3,259.8*
<i>E. Page Allinson, West Chester</i>					
T. E. Countess Valdessa, 1750587	RH	6-14-32	8y-297d	116,208	3,926.5*
Towns End Winana Piebe, 1333913.....	RH	9-25-38	8y-335d	111,365	3,865.9*
T. E. Beryl Valdessa Dolly, 1742581.....	RH	11-23-33	7y-257d	102,848	3,431.9*
T. E. Val Hengerveld Ormsby, 1828903.....	RH	12-5-34	6y-88d	91,148	3,010.8*

CLARION COUNTY # (Clarion County Association)

George Cole, Limestone; Arthur Kirkpatrick, Strattonville; Testers

<i>R. H. Shook, Sligo, R.D., Pa.</i>					
Milk Maid of Oak Grove, 302862	RH	10-2-29	11y	116,145	5,978.8*
Majority's Maggie of Oak Grove, 400097.....	RG	8-10-33	7y-147d	82,634	3,884.8*
Red.....	CG	3-10-33	7y-217d	73,769	3,828.5*
Charm.....	CG	8-22-34	6y-246d	67,183	3,629.1*
Majority's Faith of Oak Grove, 411616.....	RG	1-4-34	6y-289d	36,988	3,050.2*
<i>F. L. Stahlman, New Bethlehem, R.D., Pa.</i>					
Reservation Alma, 215122.....	RG	5-4-26	15y	91,179	5,323.2*
Alma's Dory of Glade Dale, 397431.....	RG	10-15-31	9y-294d	97,086	4,752.2*
<i>J. W. M. Gruber & Son, Shippensburg, R.D.</i>					
White Light's Dolly, 311309.....	RG	1-1-30	11y-355d	97,112	4,478.6*
White Light's Princess, 350375.....	RG	6-19-31	9y-81d	92,727	4,029.0*
White Light's Sunny Peach, 343006.....	RG	3-4-31	10y-65d	74,507	3,937.3*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
White Light's Catherine Chene, 410494.....	RG	1-1-31	9y-298d	84,119	3,329.4*
W. Wm. & C. A. McCauley, New Bethlehem, R.D.					
Leatherwood Copia, 1484913.....	RH	8-11-30	10y	125,752	4,455.5*
Leatherwood Lilith Ona, 1564477.....	RH	7-5-32	8y- 76d	120,586	3,727.7*
C. L. Risher, East Brady, Pa.					
Daisy.....	GG	10-20-30	10y-149d	91,541	3,967.8*
Mrs. Ida Fleming, New Bethlehem, R.D.					
Chene Lassie of Limestone, 420674.....	RG	7-19-33	7y-171d	74,025	3,885.8*
Poinsetta of Limestone, 282029.....	RG	1-3-29	8y	64,394	3,197.2*
Parker View Farm, Parkers Landing, R.D.					
Fawn Maple's Pearls Dot, 276222.....	RG	11-1-26	9y-304d	8,0284	3,847.8*
E. C. Frampton, Sligo, R.D.					
Meadow Brook's Lady Norman, 377237.....	RG	8-2-32	9y	78,655	3,759.0*
Kenneth Shook, Sligo, R.D.					
Meadow Brook's Alma, 391749.....	RG	3-19-33	8y	72,960	3,707.7*
George Hoover, New Bethlehem, R.D., Pa.					
Bell.....	GH	1931	8y	87,068	3,571.5*
H. B. Truitt & Son, Fairmount City, R.D.					
Kate.....	GG	1932	8y	71,751	3,482.8*
C. A. & D. C. Wagner, New Bethlehem, R.D.					
Sissy.....	GG	1933	7y-281d	70,562	3,240.3*
J. E. Shook, Sligo, R.D.					
Fern.....	RG	11-6-35	6y- 28d	60,399	3,107.6*

CLEARFIELD COUNTY—(Clearfield Association)

Orvis Delcamp, Tester, c/o Agricultural Ext. Ass'n., Clearfield, Pa.

D. T. Mitchell, Jr., Mahaffey					
Little Jane—Eartag 18.....	GrJ	1929	11y-273d	82,459	4,300.8*
Polly —Eartag 29.....	RJ	8-23-30	10y- 61d	75,892	4,294.0*
Ten —Eartag 10.....	GrJ	1929	11y- 0d	60,058	3,809.6
Splitear —P-31854.....	PJ	1929	11y-304d	55,584	3,134.5
Harry Gearhart, Bigler (Belle Vue Farm)					
Molly —Eartag 23-C8308.....	GJ	9-2-34	7y-184d	72,041	3,819.4*
Lassie —Eartag 23-C8305.....	PJ	6-2-33	8y- 12d	61,633	3,555.6*
Minnie —Eartag 23-C8312.....	PJ	2-2-34	7y- 30d	66,608	3,385.2*
B. Meg —Eartag 23-C8316.....	GJ	1932	5y-257d	48,715	3,089.7*
E. P. Young, Westover					
Judy —Eartag 142.....	GJ	1-2-28	9y-240d	64,112	3,592.6
Max Forcey, Woodland					
Blossom —Eartag 23-C8917.....	RJ	7-24-35	6y- 53d	67,251	3,323.8*
Clearfield Co. Home, Clearfield					
Spot —Eartag 86972.....	GH	6-2-32	8y-239d	103,894	3,198.0

COLUMBIA COUNTY—(Columbia-Luzerne Association)

Miriam Johnson, Tester, Shickshinny, Star Route

Clarence R. Hack, Berwick, Pa.					
Walnut's May's Royal, 299700.....	RG	8-13-29	8y- 91d	85,509	4,722.1*
Hazel of Conner Park, 358486.....	RG	11-12-31	9y	76,092	3,584.7*
Roland H. Seely, Nescopeck, Pa.					
Hody of Green Grove, 392533.....	RG	3-5-33	7y-276d	86,735	4,327.2*
J. A. & W. D. Fairchild, Berwick, Pa.					
West-end Winnie Ormsby, 1618193.....	RH	11-21-32	8y- 52d	121,692	3,911.6**
Fairwood Helen Pontiac, 1586555.....	RG	11-5-31	8y-214d	110,878	3,836.3**
Fairwood Kate Pontiac, 1720170.....	RH	11-28-32	7y-282d	113,317	3,605.4**

COLUMBIA COUNTY—(Columbia No. 2 Association)

Harold Plastow, Tester, Benton, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Alvin C. Sulliff, Benton, Pa.					
Walnuts Doris, 327735.....	RG	9-20-30	9y- 2d	84,719	4,292.4*
Reta of Shady Rill Farm, 235712.....	RG	3-16-27	9y- 2d	78,873	3,668.2*
Harold H. Hayman, Stillwater, Pa.					
Ruth of Pinebrook Farm, 274054.....	RG	10-28-28	7y- 2d	66,490	3,076.4*

CRAWFORD COUNTY—(Crawford-Venango Association)

Ellen G. Sheldon, Tester, Crawford-Venango Assn., c/o Extension Office

Merle Ongley, Centerville					
Ongley Marathon Ormsby					
Soldene, 1868477.....	RH	9-21-32	8y-122d	93,569	3,768.6***
Harold L. Borland, Meadville, R. 5					
Blonde Dairylike Annabelle, 1034939.....	RJ	4-29-33	7y-349d	55,635	3,697.8**
Harold L. Borland, Meadville, R. 5					
Dairylike Oxfords Alice, 1039561.....	RJ	7-25-33	8y- 68d	61,087	3,683.2*

CRAWFORD COUNTY—(Titusville Association)

George E. Simpson, Tester, 420 N. Martin St., Titusville, Pa.

J. M. Kelly Titusville, Pa.					
Brena of Audubon Farm, 286135.....	RG	3-28-29	9y- 55d	80,525	4,340.9**
Frank Firth, Jr., Spartansburg, Pa.					
Orchard Springs Segis White, 1894103.....	RH	1-5-33	8y- 0d	88,876	3,114.7*

CRAWFORD COUNTY—(Western Crawford Association)

Albert Crowl, Tester, Guys Mills, Penna.

Joseph Mandel, Conneaut Lake					
Announcer's Edna, 304060.....	RG	11-9-29	11y-234d	96,843	4,843.3*
Ivan Virtue, Star Route, Meadville					
Last Day Gloria, 922980.....	RJ	7-31-30	10y- 17d	78,425	4,210.4*
R. T. Gaylord, Adamsville					
Sunrise Alma Pietje, 1798342.....	RH	11-30-25	10y-306d	105,165	3,725.6**
Carl Miller, Linesville					
K-38087.....	GrH	1-2-33	8y	86,787	3,496.9*
Riverside Stock Farm, Cambridge Springs					
Tormentor Shy Violet, 959527.....	RJ	9-18-31	8y-142d	66,647	3,446.3**
Dewitt Rust, Saegertown, R. #2					
Gravel Run Isabelle Ace, 1692715.....	RH	11-30-30	8y	98,492	3,412.0*
Joseph Mandel, Conneaut Lake					
Royal Princes Adelaide, 437500.....	RG	9-17-33	7y	62,408	3,299.6*
Lee Sperry & Sons, Atlantic					
Ormsby Sweet Pontiac, 1626244.....	RH	8-20-32	8y- 10d	91,822	3,180.6*
Riverside Stock Farm, Cambridge Springs					
Sophie Paymaster's Dortha, 1053788.....	RJ	7-7-34	6y- 73d	56,866	3,157.4**
Riverside Stock Farm, Cambridge Springs					
Sophie Paymaster Vi, 1034470.....	RJ	12-7-33	6y-105d	61,578	3,145.6**
Kid of Ohio's Luck, 632408.....	RJ	8-15-24	8y-6m	64,516	3,125.3**
Carl Miller, Linesville					
K-38088.....	GrH	2-2-33	8y	85,406	3,041.5*

CUMBERLAND COUNTY—(Original Cumberland Association)

Hazel R. Kutz, Tester, R.D. #4, Carlisle, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>J. H. Lear, Carlisle, R.D. 5</i>					
Pineland Ona Segis, 1163300.....RH	RH	5-23-26	14y-304d	207,843	7,207.9*
Ona Skinner Fayne, 1616877.....RH	RH	11-2-31	9y-237d	97,175	3,753.8**
Lady Buttercup Hartog, 1731493.....RH	RH	8-22-33	7y-232d	92,450	3,552.6**
<i>Methodist Home for Children, Mechanicsburg, R.D. 3</i>					
B. S. Westover Twinkle, 1501585.....RH	RH	8-18-29	11y-161d	154,290	5,460.6**
<i>Ivo V. Otto, Carlisle, R.D. 1</i>					
B. S. Accre Beth, 1272517.....RH	RH	9-7-27	13y-212d	149,608	5,317.7*
B. S. Libby Piekie, 1493074.....RH	RH	11-30-30	10y- 37d	123,878	4,120.8***
<i>H. K. McCullough, Newville, R.D. 1</i>					
McCullough's Nellie 2nd, 348448 RG	RG	5-29-31	9y-319d	86,765	4,193.0*
McCullough's Mazie, 414580.....RG	RG	7-26-32	8y-338d	87,773	3,932.8**
<i>Walter A. Eckert, Mechanicsburg, R.D. 1</i>					
Helen (tag #87075-T Pa.).....GrG	GrG	?	10y-212d	78,371	4,121.2***
<i>Dewdrop of Homestead Farm,</i>					
292540.....RG	RG	5-21-29	10y-215d	83,089	3,983.0**
White Oak Jean, 381515.....RG	RG	10-7-32	8y-214d	77,924	3,891.0*
<i>Albert F. Kost, Carlisle, R.D. 1</i>					
Farmside Pauline Ormsby, 1506707.....RH	RH	10-5-30	9y-275d	111,100	4,111.3**
<i>A. G. Wingert, Mechanicsburg, R.D. 2</i>					
Ina Haidee Ivy Ormsby, 1770676 RH	RH	1-20-31	8y-107d	115,815	3,787.4*
Darliska Sarcastic Piekie, 1847691 RH	RH	4-20-29	9y	103,001	3,779.0*
<i>G. Weir Strock, Mechanicsburg, R.D. 2</i>					
Dorcass Segis Piek, 1593548.....RH	RH	8-26-32	8y-333d	97,550	3,487.5*
<i>Jesse Kurtz, Carlisle, R.D. 4</i>					
King Piekie of York Sunshine Rae, 1633158.....RH	RH	2-2-33	8y- 36d	95,383	3,447.8*

CUMBERLAND COUNTY—(Cumberland No. 2 Association)

J. Paul Shughart, Tester, Box 96, Allen, Pa.

<i>Guy L. Loy, Newville, R.D. 2</i>					
Normandy Carola, 131751.....RA	RA	10-22-30	9y	95,436	3,769.4*
Sibella Garclaugh 2d, 135210.....RA	RA	5-6-30	9y	97,528	3,726.0*
Loyalmeade Cymbaline, 167093.....RA	RA	10-30-34	6y-277d	67,979	3,084.6*
<i>James Rinehart, Newville, R.D. 1</i>					
Korndyke Minnie, 1783908.....RH	RH	12-14-33	7y-178d	108,277	3,648.2*
<i>Albert Adams, Carlisle, R.D. 5</i>					
Fayne Creamelle Tidy, 2102680.....RH	RH	4-7-34	7y- 79d	91,029	3,468.2*
Echo Hartog Tidy, 36018.....RH	RH	10-10-33	7y-257d	89,595	3,300.9*
C6253.....GrH	GrH	?	8y	81,576	3,080.4*
<i>Charles A. Raudabaugh, Carlisle, R.D. 1</i>					
Hartog Abbekerk Lady, 1573218.....RH	RH	3-17-32	9y	101,006	3,326.8*
<i>E. Hays Shughart, Carlisle, R.D. 6</i>					
Piekie Evergreen Segis, 40727.....RH	RH	1-20-33	8y-155d	93,050	3,233.9*
<i>Paul C. Gible, Mechanicsburg, R.D. 1</i>					
Anita Segis Denver, 1786198.....RH	RH	6-22-34	6y-225d	87,477	3,157.2**
<i>J. Oren Skelly, Shippensburg, R.D. 1</i>					
Korndyke Prilly Japonica Janet, 1666724.....RH	RH	12-26-31	8y	94,448	3,124.3*

DAUPHIN COUNTY—(Dauphin Association)

—Cletus G. Gerber, Dean Dittsworth; Testers; 4th Floor, Municipal Bldg., Hbg., Pa.

Harrisburg State Hospital, Harrisburg, Pa.

Hbg. Grace Princess Ormsby, 1349416.....RH	RH	3-15-29	11y	157,070	5,033.0*
Hbg. Kimwar Copia Wayne, 1541040.....RH	RH	10-13-31	8y	107,057	3,788.0*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Hbg. Boast Clothilde, 1640945.....RH	RH	10-22-32	9y	117,248	3,304.7*
<i>Creator Jannet Pontiac 2nd,</i>					
1611711.....RH	RH	7-16-32	7y-236d	92,912	3,293.2*
Grade B16.....GH	GH	9-7-32	7y-167d	99,805	3,131.0*
<i>Hbg. Great Segis Korndyke,</i>					
1697225.....RH	RH	12-9-33	6y-109d	92,805	3,051.7*
<i>Hershey Ind. School, Hershey, Pa.</i>					
Llenroc Kinigen Pride, 1629466.....RH	RH	9-15-27	9y- 30d	139,160	4,597.5**
<i>S. B. Williams, Middletown, Pa.</i>					
Mary Jane LaToone, 976179.....RJ	RJ	10-5-30	10y-263d	80,294	4,196.7*
King's Cowslip Jessie, 1069781.....RJ	RJ	12-16-33	7y- 22d	63,386	3,382.4*
Cherry Hill Lass 2nd, 952707.....RJ	RJ	1-9-30	9y- 11d	73,324	3,363.1*

ELK COUNTY—(Elk Association)

Paul Hemphill, Tester, Coudersport, R.D., Pa.

<i>H. J. Gregory, St. Marys, Pa.</i>					
Meade Pontiac Colantha Lass, 1347282.....RH	RH	3-11-29	12y- 86d	133,368	4,900.1
<i>A. Larson & Son, Ridgeway, Pa.</i>					
Topsy, Ear Tag, B-59818.....PH	PH	6-13-31	7y-152d	92,866	3,130.6
<i>John Bauer, Emporium, Pa.</i>					
Greenwald Calantha Francis, 1520327.....RH	RH	2-23-31	10y-227d	107,980	3,567.2
Daisy.....GrH	GrH	1933	8y- 5d	93,034	3,432.8
Floss.....GrH	GrH	1929	8y-337d	87,981	3,474.4
<i>Greenwald Segis Colantha Ada,</i>					
1621070.....RH	RH	4-17-33	8y-193d	83,103	3,089.9

ERIE COUNTY—(Erie County Association)

J. Lynn Powell, Tester, Agric. Ext. Ass'n., County Court House, Erie, Pa.

<i>Harold A. Trask, McKean, R.D. #1</i>					
47642 W.....GrH	GrH	6-?-28	12y- 62d	108,667	4,180.4**
<i>Lester Hosback, Erie, R.D. #1</i>					
Alice Burke Pride.....RH	RH	2-17-28	12y-253d	111,170	4,148.3*
Lucia Pride Segis Burke.....RH	RH	11-17-27	12y-179d	124,489	4,171.5*

FAYETTE COUNTY—(Fayette Elizabeth Association)

Mildred Moose, Tester, Agric. Ext. Ass'n., Court House, Uniontown, Pa.

<i>J. E. Lynn, Vanderbilt</i>					
Ruth.....GH:G	GH:G	14	10y-166d	114,571	4,824.4
Betty II.....GrG	GrG	17	9y-227d	102,418	4,441.7
Millie.....GrG	GrG	11	8y-299d	80,854	3,836.5
Surprise Mary Rose, 378692.....RG	RG	11	8y-129d	68,490	3,338.8
<i>L. Barron Douglass, Elizabeth</i>					
Pride of Richland, 282704.....RG	RG	14	11y-118d	89,599	4,392.4
<i>Frank McKinney, R.D. #3, Elizabeth</i>					
Clarabelle Sensation Boy, 1674192.....RH	RH	10	7y-223d	124,426	3,958.1
June Ida Ormsby, 1604688.....RH	RH	11	6y- 96d	102,175	3,321.7
Hazel.....GG:H	GG:H	9	6y-351d	87,606	3,251.1
<i>Jacob Guffey, Elizabeth</i>					
Diana Sadis Ormsby, 1594727.....RH	RH	12	8y- 59d	104,774	3,759.9
Peggy Ida Ormsby, 1594718.....RH	RH	12	8y- 15d	93,860	3,102.8

FRANKLIN COUNTY—(Southern & Western Franklin Association)

Richard D. Martin, Tester, Broad Top, Pa.

<i>Dr. H. S. Arthur, Ft. Loudon</i>					
Early Rose of Whitehall, 255374 RG	RG	12-25-27	8y-243d	88,302	4,193.5

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Wilson Sisters, Richmond Furnace</i>					
Celia Pa-S1082.....	GrJ	11-11-31	9y-274d	69,363	3,786.8
Ann Pa-C76870.....	GrG	11-12-31	10y-92d	81,655	3,578.3
Emily Pa-AE63150.....	GrG	4-9-33	8y-90d	71,537	3,433.1
Esther Pa-F58479.....	GrG	9-6-32	8y-281d	62,331	3,015.9
<i>James A. Heckman, Greencastle, R.D. 2</i>					
Queen of Limestone Pansy, 331495.....	RG	11-12-30	8y-86d	66,496	3,540.8
<i>J. W. Hoffeditz & Son, Mercersburg, R.D. 1</i>					
Red Pa-AE59302.....	GrG	Spr. 33	5y-221d	76,440	3,215.6

FRANKLIN COUNTY—(Southern Franklin Association)

R. G. Miller, Tester, Chambersburg, Pa.

<i>W. F. Barkdoll, Waynesboro, R. 1</i>					
Captain's Kid Mary, 151468.....	RA	3-17-33	8y-33d	74,828	3,149.5*
Melrose Midget, 166113.....	RA	9-15-31	9y	72,871	3,034.2*
Dayhoff Susan Bell, 143431.....	RA	11-5-32	8y-111d	77,065	3,107.2*
Dayhoff Lucky Katy, 141918.....	RA	8-19-32	9y-11d	89,780	3,747.4*
<i>Harry E. Brown, Fairfield</i>					
Meadow Brook Topsy Linda, 2183339.....	RH	2-12-32	8y-61d	89,938	3,103.9*
<i>Penn Hall Farm, Chambersburg</i>					
Airland Valdessa Korndyke, 1928062.....	RH	9-30-30	10y-155d	140,134	5,133.3*

HUNTINGDON COUNTY—(Huntingdon Association)

Frank J. Hindman, Tester, Pike Street, Huntingdon, Pa.

<i>W. C. Henderson, R.D., Alexandria</i>					
Mighty, Pa. 50934-K.....	Gr:Br:Sw	6-11-27	11y-67d	122,837	4,708.1*
Polly #2, Pa. 89945-X.....	Gr:Br:Sw	12-17-27	10y-282d	106,814	4,102.8*
<i>H. E. Grazier, Warriors Mark</i>					
Emma Marshalls Nell of O. B., 38919.....	R:Br:Sw	12-18-30	10y-68d	104,976	4,199.6*
Morella's Bluebell of O. B., 40621.....	R:Br:Sw	11-17-31	9y-47d	91,697	3,620.4*
Eva's Hazel of O. B., 38921.....	R:Br:Sw	7-26-31	9y-22d	100,632	3,614.3*
Lady Marcus Mary, 35068.....	R:Br:Sw	3-9-30	9y-47d	91,008	3,585.8**
Juliet's Dorothy of O. B., 40620.....	R:Br:Sw	10-12-31	8y-218d	88,864	3,330.8**
<i>J. E. Hindman, R. 4, Tyrone</i>					
Catherine of Quietude, 260736.....	RG	3-11-28	11y-84d	78,809	4,033.3**
Quietude's Milkmaid, 284532.....	RG	1-24-29	10y-151d	84,666	3,994.6*
Floss' Fairy Queen, 268364.....	RG	7-6-28	8y-120d	70,965	3,828.0*
Quietude's Bell, 283881.....	RG	1-9-29	9y-112d	77,676	3,740.4**
Sonny Lou of Quietude, 338931.....	RG	10-8-30	7y-174d	61,930	3,302.2*
Dina Lee of Quietude, 277511.....	RG	12-14-28	9y-90d	67,309	3,266.9**
Iva's Jewel of Quietude, 284531.....	RG	1-21-29	9y-304d	66,412	3,067.2**
Quietude's Wild Cherry, 348937.....	RG	6-18-31	7y-264d	62,345	3,035.2*
Alleen of Quietude, 357322.....	RG	12-5-31	7y-264d	63,719	3,008.6*
<i>Ray F. Brown, Mill Creek</i>					
Carrie #2, Pa. P74467.....	GrG	4-2-27	8y-241d	75,017	4,029.9**
<i>J. E. Houck, Spruce Creek, R.D.</i>					
Polly of Houck Farm, 1078318.....	RJ	7-20-33	7y-73d	72,810	3,808.1*
Princess of Houck Farm, 1319490.....	RJ	8-4-33	7y-103d	64,352	3,372.4**
<i>Pennsylvania Industrial School, Huntingdon</i>					
P. I. R. DeKol, 1658895.....	RH	4-25-33	7y-156d	97,863	3,593.7**
P. I. R. Lyons Inka, 1776984.....	RH	12-11-33	7y-195d	113,206	3,436.9*
P. I. R. Inka, 1658894.....	RH	2-9-33	7y-215d	87,772	3,165.0*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>E. G. LaPorte, Alexandria</i>					
Fair Acres Queen Lillian, 489907.....	RG	4-13-33	7y-335d	70,741	3,438.2*
#27, Pa. 94128T.....	G:J	5-12-33	7y-171d	60,893	3,337.0**
<i>Immergrun Ruth's Darling,</i>					
367370.....	RG	11-23-31	8y-168d	61,604	3,253.4**
#28, Pa. 93694T.....	GrG	4-2-33	7y-313d	62,070	3,064.6*
<i>H. S. Hicks & Son, R. 4, Tyrone</i>					
Queen of Neff Bros. B.S.F., 46025.....	R:Br:Sw	4-6-32	7y	77,888	3,270.9*
Mae of Neff Bros. B.S.F., 46024.....	R:Br:Sw	10-6-31	7y	82,783	3,228.0*
<i>W. H. Woolverton, Alexandria</i>					
Daisy, Pa., 94195X.....	G:H	3-14-32	8y-320d	79,327	3,172.2*

INDIANA COUNTY—(Indiana No. 1 Association)

Carl Johnson, Tester, Room C Court House, Indiana, Pa.

<i>Quay McMillen, Clymer, Pa., R. 1</i>					
Mac.....	1/2J:1/2H	2-2-26	12y-353d	108,468	6,591.4**
<i>Oxfords Charming Princess,</i>					
869383.....	RJ	11-9-28	11y-346d	90,376	6,008.3**
<i>Clyde Houck, Clymer, Pa., R. 1</i>					
Betsy's Peggy of Houck Farm, 859280.....	RJ	8-22-28	13y	119,012	5,546.5*
<i>Indiana County Home, Indiana, Pa.</i>					
Indiana County Home Iona Ormsby, 472900.....	RH	1-15-31	10y-110d	118,108	4,747.4*
Indiana County Home Ormsby Lass, 1526276.....	RH	7-12-31	8y-307d	128,196	4,158.0*
Indiana County Home Blanche Wanda, 1472899.....	RH	1-10-31	10y	131,082	3,879.9*
Indiana County Home Kimwar, 1566192.....	RH	11-8-31	8y-136d	131,035	3,765.3*
Indiana County Home Lucy, 1566195.....	RH	12-16-31	7y-325d	102,796	3,141.3***
<i>H. W. Mumau, Clymer, Pa., R. 1</i>					
(Sold to J. E. Greene)					
Tormentor Evelyn Pet, 1085616.....	RJ	12-10-30	10y	83,254	4,635.0*
<i>John S. Rankin, Indiana, Pa., R. 1</i>					
Bonnie.....	PJ	6-5-31	9y-265d	73,695	4,396.7*
<i>E. G. Rice, Dixonville, Pa.</i>					
Interested Sophie Crony, 1070018.....	RJ	8-5-30	9y-303d	84,465	4,192.4**
<i>Torrance State Hospital, Torrance, Pa.</i>					
Torrance Pansy Belle Burke.....	RH	8-31-32	8y-48d	115,945	4,128.2*
Torrance Pansy Hengerveld.....	RH	6-17-33	8y-199d	130,193	4,082.5*
Torrance Pontiac Getati, 1602702.....	RH	1-10-32	8y-64d	108,915	3,715.7**
Torrance Pansy Belle, 1602711.....	RH	9-8-32	8y-139d	110,493	3,671.2*
Torrance Johanna Pansy, 1602715.....	RH	9-28-32	7y-228d	115,930	3,466.7**
Torrance Ormsby Jannek Lunde, 1689907.....	RH	5-18-33	7y-220d	103,423	3,428.4*
Torrance Ormsby Dingle, 1532115.....	RH	9-10-31	8y-264d	103,416	3,318.0*
Torrance Bessie Ormsby Triumph, 1689917.....	RH	9-28-33	7y-115d	85,113	3,140.5*
Torrance Bessie Veldessa, 1689906.....	RH	4-20-32	6y-239d	77,457	3,012.2**
<i>E. B. & W. S. Wetzel, Marion Center, Pa.</i>					
Bess.....	GrJ	10-28-31	8y-243d	67,988	3,970.8*
<i>H. N. Hyskell, Smicksburg, Pa.</i>					
Blonde.....	GrG	12-23-30	9y-46d	84,863	3,954.8**
<i>Carl Walker, Marion Center, Pa.</i>					
Cherry Hill Polly, 1140581.....	RJ	8-28-31	8y-245d	72,473	3,855.4**
Cherry Hill Pansey, 1140580.....	RJ	7-14-31	9y-131d	67,814	3,348.3*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Cherry Hill April Blossom, 1140583.....	RJ	4-30-33	7y-301d	61,886	3,346.3*
Cherry Hill Marigold, 1140584.....	RJ	5-15-33	7y-347d	51,955	3,032.9*
H. B. Wetzel, Marion Center, Pa.					
Maggie.....	GrJ	12-24-31	9y- 99d	64,556	3,788.2*
H. M. Travis, Smicksburg, Pa.					
Peggy of Allen's Ford, 451639.....	RG	9-24-32	8y-354d	75,708	3,636.3*
W. F. Barkley, Livermore, Pa., R.D.					
Yule-tide Goldy, 392921.....	RG	4-8-33	8y- 31d	64,019	3,626.3*
Clark C. Pollock, Marion Center, Pa.					
Topnotcher's Flossy, 1131431.....	RJ	9-17-34	6y-155d	64,336	3,468.2*

INDIANA COUNTY—(Indiana No. 2 Association)

Wendell Wetzel, Tester, Homer City, Pa.

John C. Mohney, Punxsutawney, Pa.					
Topsy.....	GrJ	12-21-29	11y-183d	102,732	5,917.6*
Moolie.....	GrJ	1-7-31	10y-137d	98,092	5,255.7*
Spot.....	GrJ	3-5-31	10y- 75d	85,891	5,168.5*
Molly.....	GrJ	1-27-32	9y-108d	85,402	4,946.0*
Boss.....	GrJ	8-29-32	8y- 95d	81,150	4,322.9**
Janet.....	GrJ	2-26-33	7y-272d	62,701	3,637.9*
Henry Townsend, South Bend, Pa.					
Dora of Meadow Brook, 201806.....	RG	9-29-25	12y- 59d	107,788	4,983.5**
Pearl of Blue Grass Acres.....	RG	8-8-29	11y-118d	89,748	4,478.4***
Betty of Blue Grass Acres, 411173	RG	8-4-31	9y-137d	70,329	3,699.3***
Lady of Blue Grass Acres, 446298	RG	8-4-32	7y-273d	63,706	3,309.2***
Clyde McConaughey, Smicksburg, Pa.					
Torono Option Beauty B, 983921	RJ	9-27-31	8y-316d	95,186	4,795.8***
Elizabeth Option Oxford, 922241	RJ	1-11-30	10y-195d	101,678	4,389.6*
Sam's Dreaming Beth.....	RJ		5y-307d	59,707	3,235.0*
Sam's Elizabeth Option, 1065007	RJ	4-1-34	7y- 99d	65,032	3,223.0*
W. H. Wood, Shelocta, Pa.					
Spot.....	GrH	10-3-32	8y-156d	115,664	4,298.1*
Berkwood Jewel Joanna, 1759560	RH	2-13-34	7y- 96d	94,769	3,102.2*
William G. Campbell, Armagh, Pa.					
Sybil's Ima Lou, 976356.....	RJ	7-9-31	7y-345d	63,887	3,595.5*
James Lynch, New Florence, Pa.					
Dora.....	PG	1-13-31	10y-161d	72,044	3,582.4*
Cherry of Shannons Vale, 387133	RG	7-6-30	10y- 70d	68,276	3,392.2*
J. P. Martin, Blairsville, Pa.					
Juliet Korndyke Matador.....	RH	6-28-27	7y-286d	100,009	3,414.8*
J. M. & L. L. Steffy, Dayton, Pa.					
Beauty.....	1/2H1/2J	12-10-32	7y	79,818	3,233.3*
Clifford H. Hughes, Rochester Mills, Pa.					
Daisy.....	GrG	1-10-35	6y- 91d	58,926	3,212.3*
Phoebe.....	GrG	2-8-34	6y-269d	51,823	3,148.3*
Harry Pounds, West Lebanon, Pa.					
Beauty.....	GrH	7-10-34	6y	85,017	3,128.0*

INDIANA COUNTY—(Indiana No. 3 Association)

Richard Black, Tester, Room C, Court House, Indiana, Pa.

J. Mack Hood, New Florence, Pa.					
Queen Pogis Nancy, 950403.....	RJ	9-25-30	10y-210d	102,777	5,511.3*
Nancy Valentine May, 1172905.....	RJ	9-28-33	7y- 52d	67,813	3,764.6**
Queen Smoky Betty, 1066308.....	RJ	4-2-34	7y- 62d	65,181	3,719.6*
Queen Smoky Minnie, 1066307.....	RJ	3-29-33	8y-234d	68,264	3,553.0*

JEFFERSON COUNTY—(Jefferson Association)

Andrew Gilmore, Raymond Speedy; Testers; Brookville

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
A. J. Bullers and Son, Brookville, 1					
Letty Elda of Hazen, 245119.....	RG	12-8-27	11y-115d	130,237	6,838.0**
Leeda Elaine of Hazen, 192304.....	RG	4-15-25	14y- 28d	169,213	6,676.0**
G. Howard Smith, Reynoldsville 1					
Annabelle of Jackson Run, 915305	RA	9-21-25	13y-223d	129,685	5,197.6*
G. O. Schuckers, Brookville, 1					
Kimwar Annie Pontiac Lyon, 1557177.....	RH	12-9-31	9y-345d	115,205	4,366.0*
Colantha Rose Korndyke Lass, 1744046.....	RH	7-5-32	7y-164d	82,253	4,366.0*
Fern Ormsby Colantha, 2139005.....	RH	7-13-33	6y-169d	82,253	4,366.0*
E. E. Swineford, Reynoldsville, 1					
Arbutus Latrone, 976185.....	RJ	12-10-31	8y-272d	74,722	4,130.1*
John L. Dickey, Reynoldsville, 3					
Apple Bud's Royal Rose, 334693.....	RG	1-2-30	10y-334d	71,351	3,787.4*

JUNIATA COUNTY—(Juniata Association)

Dorvin D. Fortner, Tester, Mifflintown, Pa.

Theorous Kauffman & Son, Mifflintown					
Ormsby Hengerveld DeKol Segis, 1565537.....	RH	11-11-31	7y-313d	122,017	4,180.0*
Lyman Zimmerman, Mifflin					
Lady Korndyke Hengerveld Carrie, 1594139.....	RH	4-20-30	8y-282d	124,472	4,135.4**
T. Furman McClure, Port Royal					
Clothilde Kate Pontiac, 1563550.....	RH	12-28-31	9y	121,544	3,882.7*
Abbeker Pontiac Jane, 1563549.....	RH	10-21-31	8y-273d	118,167	3,788.0**
Holmes E. Groninger, Port Royal					
Abbeker Beloit Lyons, 37744.....	RH	3-26-32	9y-176d	98,424	3,564.7*
Lady Changeling Dulcevesta, 37746.....	RH	6-14-32	9y-183d	103,121	3,476.8*
Changeling Lady Contest, 35349.....	RH	8-31-31	9y-242d	108,196	3,391.3*
Lady Imperial Piebe, 37748.....	RH	4-15-33	8y-250d	86,078	3,110.7*
Musser & Stuck, Oakland Mills					
Fair Meadow Netherland Ormsby, 22210.....	RH	3-5-30	8y-262d	103,645	3,511.6*
J. W. Sieber & Son, McAlisterville					
Queen Korndyke Sylvia Ormsby, 38442.....	RH	10-3-33	7y	93,512	3,087.8*

LACKAWANNA COUNTY—(Lackawanna Association)

Donald Hindman, Tester, Waverly, Pa.

Mrs. Vera Seamans, Factoryville, Pa.					
Nancy.....	GrG	1930	10y-363d	96,012	4,123.2**
Crawford Sachse, Moscow, Pa.					
Prudent Duchess Jean.....	RJ	1932	8y-151d	59,354	3,177.7**
T. W. McLain & Son, Moscow, Pa.					
Agnes.....	GrG	1932	8y-140d	78,706	3,175.4*
V. B. Colvin, R.D. #1, Dalton					
America DeKol Lyons.....	RH	1930	9y-273d	91,875	3,173.1*
Arlep Lady Ormsby.....	RH	1931	9y-160d	85,962	3,130.7*
M. E. Northrup, Dalton, R. #1					
Minnie Wayne Keyes Snow.....	RH	1935	5y-273d	82,851	3,031.2*

LAWRENCE COUNTY—(Lawrence Association)

Lloyd Ranck, Delmer Boyce; Testers; Box 119, New Castle, Penna.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>J. C. Shoemaker, R.D. 2, Enon Valley, Pa.</i>					
Fawn Sophie Bertha Ann, 1260826.....	RJ	9-22-33	8y	72,423	3,646.8*
<i>W. R. Fox, R. #2, Enon Valley, Pa.</i>					
Glad Run Trixie, 429152.....	RG	9-16-31	8y	66,250	3,517.7*
<i>John Hoge, R. #2, Enon Valley, Pa.</i>					
Bluebelle Sybil of M. G., 1024508.....	RJ	9-25-31	8y-148d	73,650	3,380.0*
<i>J. C. Shoemaker, R.D. 2, Enon Valley, Pa.</i>					
Sophie Pogis J. Bess, 1267474.....	RJ	12-10-33	7y-174d	59,889	3,199.1
<i>J. A. Book & Sons, R. #4, New Castle, Pa.</i>					
Plain Wide Oxford, 883550.....	RJ	2-28-29	8y-353d	60,383	3,105.4*

LEBANON COUNTY—(Lebanon Association)

Enos B. Heisey, Tester, Sheridan, R. #1, Pa.

<i>Jacob N. Smith, Annoille, R. 1</i>					
Ultra Milena, 276631.....	RG	11-2-28	12y	119,699	5,379.2*
<i>Fairview Farmer, Cornwall, Pa.</i>					
Tania, 325390.....	RG	11-3-29	11y-147d	110,541	5,147.2*
Belva of Fairview, 325396.....	RG	9-24-30	10y-206d	98,591	4,490.4**
<i>Superior Zinnia of Fairview,</i>					
358171.....	RG	10-9-31	9y-113d	92,886	4,438.0*
Kalimba, 354205.....	RG	8-24-31	9y-242d	92,132	4,256.4*
Marina Ultimas, 358177.....	RG	10-9-31	9y-273d	92,476	4,174.5*
Flandria Ultimas, 349586.....	RG	8-11-31	9y-195d	83,969	4,086.8*
Ultra Valrosa, 384011.....	RG	4-16-32	8y-187d	84,187	3,982.8*
Patoka Ultimas, 349581.....	RG	7-18-31	9y-242d	74,627	3,589.4*
Eldina of Fairview, 354203.....	RG	6-26-31	9y- 11d	65,428	3,497.6**
Morena Prospectress, 391843.....	RG	3-13-33	7y- 68d	63,328	3,172.9*
Ultra Malladun, 384016.....	RG	12-16-32	7y-295d	61,698	3,093.3*
Warriors Delrena, 455987.....	RG	1-20-35	5y- 91d	60,111	3,001.5*
<i>Ammon Brubaker-Myerstown, R. 2</i>					
Lady Echo Korndyke Posch, 1633719.....	RH	2-15-32	9y- 96d	121,334	4,207.5*
<i>Raymond Gible, Myerstown, R. 2</i>					
Theressa Spicy O'Shields.....	RA	3-10-29	8y- 30d	83,255	3,190.5**
Rose Marguerite, 106012.....	RA	2-20-26	7y-260d	87,961	3,153.8**
Malinda.....	GA	10-16-33	7y-241d	75,427	3,090.8*
Whitey.....	GA	7-2-32	9y	76,755	3,079.6*

LEHIGH COUNTY—(Lehigh-Northampton Association)

Victor Plastow, Tester, 445 Hamilton St., Allentown, Pa.

<i>L. A. Zimmerman, R. 2, Leighton, Pa.</i>					
Spinker Pietertje, 1163448.....	RH	2-20-27	11y- 84d	191,683	6,752.8**
Ormsby Pansy Lady Segis.....	RH	4-21-32	8y-137d	150,040	5,937.6*
Pansy Segis Ormsby Princess.....	RH	4-25-30	10y- 50d	148,786	5,593.4*
Jane Colantha Segis, 1663216.....	RH	11-8-32	8y-134d	133,885	4,817.7**
Wesauking Kate, 1667824.....	RH	3-23-33	7y-194d	127,306	4,607.4*
Wesauking Jessie, 1667821.....	RH	10-19-32	8y- 31d	121,825	4,602.2**
Lilith Lathrop, 1738861.....	RH	2-18-34	6y-186d	122,473	4,361.8*
Pansy Boast, 1801337.....	RH	10-19-34	6y-104d	103,351	4,027.4*
DeKol Potentate, 1825916.....	RH	2-28-35	5y-193d	96,862	3,522.7*
Peauty Piebe, 1851153.....	RH	5-21-36	4y-195d	87,432	3,206.8*
Elm Brook Sweet, 1803171.....	RH	4-6-35	5y- 39d	84,542	3,102.4*
Elm Brook Wilda, 1629255.....	RH	3-22-33	6y- 38d	98,280	3,282.1*
Elm Brook Alcartra, 1629254.....	RH	3-7-33	7y-117d	92,113	3,087.2*
<i>Willow Brook Farms, Catasauqua, Pa.</i>					
Sequels Dorothy, 308920.....	RG	11-10-29	10y-297d	95,616	4,706.6*
Sequel's Winsome, 351658.....	RG	11-11-31	9y- 54d	78,860	4,068.4*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Fisherman's Creamcup, 345029.....	RG	5-9-31	8y-284d	79,945	3,777.9**
Procriss Floradora, 369954.....	RG	7-4-32	7y-321d	64,186	3,344.7**
Procriss Sally, 381431.....	RG	12-13-32	7y-335d	68,738	3,500.6*
Procriss Daisy W. B., 419079.....	RG	6-29-34	6y-216d	64,529	3,162.8*
<i>Allentown State Hospital, Allentown, Pa.</i>					
319.....	GrH	4-10-29	10y-317d	128,566	4,520.9**
Beth-Allen Sylvia, 1539941.....	RH	5-21-31	8y- 41d	124,137	3,403.2**
<i>Victor Handwerk, R. 1, Walnutport, Pa.</i>					
Belle Crest Ormsby, 1466223.....	RH	4-27-30	10y- 37d	132,978	4,452.9*
<i>Weyhill Farms, R. 4, Bethlehem, Pa.</i>					
Wasteland Florence, 263799.....	RG	4-30-28	12y-151d	98,383	4,357.1*
Senator's Vera, 232225.....	RG	3-1-27	12y-107d	93,836	4,206.8**
May Creator, 1572959.....	RH	7-17-32	8y-146d	113,585	3,620.4*
Weyhill Mae Beauty, 1656563.....	RH	6-11-33	7y-182d	98,804	3,471.6*
Guardsman's Elsie, 269413.....	RG	9-1-28	11y- 92d	68,985	3,441.4**
Fairland Dolly, 249521.....	RG	12-7-27	11y-337d	66,655	3,326.7**
<i>Gehman Dairy Farms, Inc., Macungie, Pa.</i>					
96.....	GrH	7-15-31	7y-213d	95,566	4,136.8*
Ormsby Veeman, 29190.....	RH	8-20-29	7y-286d	102,293	3,635.9*
65.....	GrH	11-1-30	7y-254d	102,816	3,604.8***
Dairymaid Korndyke, 1558246.....	RH	2-15-30	8y-206d	109,139	3,556.8**
Deboer Pauline, 2032544.....	RH	4-10-33	6y-316d	78,858	3,025.5**
DeKol Sophia Segis, 1502244.....	RH	9-24-30	7y-172d	93,143	3,079.7***
<i>Charles A. Lichenwalner, Macungie, Pa.</i>					
Segis Denver, 1572362.....	RH	11-6-30	5y-104d	96,872	3,257.8*

LUZERNE COUNTY—(Luzerne Association)

Frank G. Horrocks, Tester, 5 Water St., Wilkes-Barre, Pa.

<i>Col. Dorrance Reynolds, Dallas, R.D.</i>					
Goodleigh Groignet of Bruser, 1324648.....	RG	11-2-30	10	114,580	5,485.5*
Goodleigh Glade Girl Lottie, 336496.....	RG	4-25-31	9	94,042	4,664.9***
Goodleigh Lucretia Lenore, 304717.....	RG	3-9-30	10	107,906	4,672.6*
Goodleigh Green Valley Glen, 328804.....	RG	12-24-30	9	76,450	4,236.7***
Goodleigh's Flossie Lenore, 331383.....	RG	3-4-31	9	89,120	3,992.1*
Goodleigh's Sunlight, 347783.....	RG	10-10-31	9	86,265	3,916.8*
Goodleigh's Pride of Margaret, 354925.....	RG	2-4-32	9	76,051	3,858.9*
Goodleigh Fleurette, 380084.....	RG	1-23-33	7	86,529	3,587.3*
Goodleigh Betty Margaret, 359981.....	RG	4-17-32	7	57,229	3,217.1***
<i>Danville State Hospital, Danville, Pa.</i>					
23-C0120-163.....	GH	1-30-29	11	127,488	4,508.3*
23-G0238.....	GH	11-28-32	7	92,125	3,499.6**
23-G0189.....	GH	10-15-31	8	101,953	3,440.9**
23-G0191.....	GH	9-19-31	8	104,041	3,458.9*
23-G0228.....	GH	9-2-32	8	90,677	3,259.9*

LYCOMING COUNTY—(Lycoming Association)

A. L. Love, Monoursville, Pa.; Charles, Keller, Harold Rieder, Williamsport, Pa.; Testers

<i>State Industrial Home, Muncy</i>					
Turkey Run Ormsby, 1376797.....	RH	11-2-29	11	144,793	4,920.2
44.....	RH	5-1-31	9	121,708	4,332.2
<i>Turkey Run Pietje Ormsby,</i>					
1541777.....	RH	1-13-32	8	128,213	4,070.8
Turkey Run Jannek, 1565455.....	RH	3-7-32	8	132,886	4,005.3

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>H. A. Snyder, Montoursville</i> Loyalmeade Jaqueline Ormsby, 1418293.....	RH	3-13-29	10	127,625	4,433.6
<i>J. D. Lunger, Lairdsville</i> Beech Bottom's Violet, 214697....	RG	4-27-26	12	82,799	3,811.4

McKEAN COUNTY—(First McKean County Association)
L. A. Buchanan, Tester, Smethport, Pa.

<i>Wahlberg Bros., Kane</i> Maude, 23-4005.....	CJ	7-7-27	12y-30d	110,798	5,003.2*
Ruby, N84231.....	GH	8-18-33	6y-228d	64,568	3,044.1*
<i>George L. Carlson, T. P.</i> Prilly Lady Segis Ormsby, 1825325.....	RH	3-4-29	9y-340d	125,824	4,076.4**
<i>E. S. O'Mara, Bradford</i> Esmay Artis Lunde, 1676480.....	RH	3-12-31	9y-118d	110,210	4,037.6*
No. 736, 581736.....	PSH	4-8-28	9y-295d	93,337	3,688.6*
<i>The King's Farm, Ludlow</i> Sparta's Edna May, 429014.....	RG	7-2-32	8y	83,393	4,020.5*
Etherston Royal Olive Beauty, 417548.....	RG	10-17-31	8y	73,099	3,426.9*
Cherub of Barberry Heights, 314637.....	RG	4-17-30	7y-31d	70,138	3,321.9**
<i>Kirkman Farms, Turtle Pt.</i> Lady Segis Ormsby Fobes Prilly, 1825326.....	RH	2-24-34	6y-280d	109,465	3,741.8*
Scott, D59859.....	GH	4-10-29	9y-184d	94,073	3,478.6**
<i>McKean County Home, Smpl.</i> Baron's Bonnie Girl, 139620.....	RA	2-27-32	7y-337d	82,231	3,467.4**
<i>Ideal Farms, Kane</i> Ideal Milk Maid, 352950.....	RG	9-15-31	7y-276d	57,147	3,255.2**
<i>E. H. Sage, Red Rock</i> Bell Statesman of Red Rock, 124811.....	RA	10-29-29	10y-261d	88,869	3,247.6**

MERCER COUNTY—(Grove City Association)

Paul McCauslin, Frank Clack; Testers; c/o C. H. Waha, County Agent, Mercer, Pa.

<i>G. G. McDowell, Grove City</i> Fanny Hortense.....	RJ	10-22-28	12y-183d	128,219	6,216.0**
<i>W. I. Blake, Mercer</i> Lois Sultan Marie, 802567.....	RJ	8-22-26	12y-44d	100,362	5,499.9**
Mill Run Dairy Star, 960099.....	RJ	12-25-30	10y-228d	103,234	5,157.9*
Mill Run Red Goldie, 1235950.....	RJ	4-12-33	8y-15d	60,832	3,529.9*
Mill Run Shirley, 1085875.....	RJ	9-30-33	8y-24d	60,261	3,183.7*
<i>A. M. King, Mercer</i> Majesty Pet June, 1149849.....	RJ	6-16-28	11y-122d	1009,48	4,756.8*
<i>W. D. White, Grove City</i> Colantha Posh Axelina.....	RH	8-12-29	8y	105,661	4,478.0*
Albus Farm Opal Bonkine, 1704591.....	RH	8-14-33	7y-223d	104,882	3,535.9***
<i>A. D. Ramsey, Volant</i> Violet Oxford Mattie, 949409.....	RJ	10-26-30	10y-175d	80,076	4,434.3*
Bowlina Gamboge Lilly, 1243789.....	RJ	1-20-33	7y-221d	75,983	4,001.2*
<i>T. P. Campbell, Grove City</i> Marigold of P. V. Dairy Farm, 254017.....	RG	2-2-28	9y-150d	71,138	4,155.1*
<i>L. M. Cummings, Mercer</i> Meadow Spring's Laurretta, 1082332.....	RJ	8-26-33	8y-42d	78,395	4,045.2*
Phyliss.....	GJ	12-7-33	7y-148d	59,139	3,101.4*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>D. G. Grace, Grove City</i> Linecrest Tycoon Midge, 1136582.....	RJ	10-20-30	9y	68,814	4,041.4*
<i>Mercer Sanitarium, Mercer</i> Louise.....	PJ	7-2-31	7y	75,334	3,621.9*
Baron's Creamy Betty, 1099261.....	RJ	1-3-35	6y-196d	56,577	3,400.5*
Baron's Creamy Vivian, 1099262.....	RJ	4-21-35	6y-137d	49,599	3,012.3*
<i>Roy N. Moose & Sons, Mercer</i> Ronald Royal Goldie, 982017.....	RJ	11-24-31	7y-292d	67,679	3,577.0*
Foxy Ronald Winks, 1041963.....	RJ	4-28-34	6y-230d	64,262	3,153.2*
Ronald's Dandy Lookout, 982016.....	RJ	10-24-31	7y-331d	57,200	3,127.3*
<i>C. R. Little & Sons, Jackson Center</i> Peg.....	GJ	6-5-32	9y-18d	65,357	3,549.5*
<i>J. H. Buckley, Stoneboro</i> Fern Pride Yellow, 1245492.....	RJ	9-15-33	7y	57,375	3,460.4*
Fern Pride Dark, 1245491.....	RJ	6-13-32	7y	53,879	3,403.4*
<i>R. C. Henderson, Stoneboro</i> Boss.....	Mix.	6-2-28	7y-230d	80,479	3,447.3*
Bonnie.....	GJ	6-15-32	7y-126d	56,252	3,306.0*
Sultan Dreaming Sue, 1091982.....	RJ	10-5-31	8y	56,358	3,071.1*

MERCER COUNTY—(Mercer No. 3 Association)

Carolyn Brown, Harvey Bauman; Testers; c/o C. H. Waha, Co. Agent, Mercer, Pa.

<i>Mercer County Home, Mercer</i> Hengerveld Pontiac Posch Girl, 1368706.....	RH	10-14-29	11y-39d	152,965	5,370.4*
Hengerveld Pontiac Verna, 1633354.....	RH	5-23-33	7y-133d	110,448	3,462.6*
Lady Vernon Pontiac Triune, 1633349.....	RH	3-9-33	7y-209d	288,352	3,059.4*
<i>A. D. Willaman, Transfer</i> Tormentor's Sophie Princess.....	RJ	12-7-31	9y	72,573	3,755.4*
Duke Jim's Lass, 1070658.....	RJ	5-6-34	7y	52,512	3,022.7*
<i>Wilhelm Bros., Sharon</i> Royal Princess Wilhelmina, 359326.....	RG	10-3-29	11y-184d	100,373	4,662.5*
Caroline, 2303706.....	GG	11-3-33	7y-127d	72,225	3,451.4*
Switz, S47016.....	GSW	Sum. 33	6y-218d	61,396	3,118.7*

MONTGOMERY COUNTY—(Montgomery No. 1 Association)

Gilbert T. Hess, Tester, Norristown, Pa.

<i>H. D. Allebach, Collegeville</i> Allebach Bellwood Cornucopia, 1347743.....	RH	8-17-27	13y-153d	146,921	5,298.6*
Allebach Segis Pontiac Gidel, 1508271.....	RH	2-11-31	8y-274d	107,392	3,702.4*
<i>Chas. Fetterman, Barto, R.D.</i> Polly Kriebelle Ormsby Van Beers, 1350967.....	RH	8-24-28	12y-178d	134,366	5,002.7**
Daisy Aaggie Ormsby Madrigal, 1432245.....	RH	8-7-29	10y-319d	122,986	4,315.5**
Bella.....	GH	3-8-30	10y-293d	107,431	4,255.1*
Pauline Colantha Van Beers, 1566015.....	RH	8-18-31	9y-258d	107,290	3,898.0*
Blanche Lyon's Hillcrest Champion, 1412096.....	RH	4-12-29	8y-189d	100,352	3,735.5*
Rosie.....	GH	6-7-33	7y-311d	73,997	3,051.9*
<i>S. C. Burton, Maple Glen</i> Woodside's Milady, 270738.....	RG	4-13-27	13y	99,470	4,918.7*
Sylvia of Far View, 349437.....	RG	8-23-31	8y-328d	64,460	3,367.5**
Milly of Far View, 372298.....	RG	5-15-32	8y-213d	61,045	3,340.0*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Warriston's Bolette, 292662.....	RG	7-6-29	11y-54d	75,123	3,282.9**
Red Top of Far View, 384718.....	RG	1-3-33	8y- 37d	58,750	3,187.1*
<i>Francis McClure, North Wales</i>					
Patsy of Pickering View, 247438..	RG	11-20-27	12y	109,287	4,595.1*
<i>Homer Schultz, Hereford</i>					
Korndyke Tidy Hesseltje, 1345814.....	RH	11-18-28	12y- 61d	111,752	4,366.1*
Creamelle Hesseltje Korndyke, 1576887.....	RH	9-28-29	10y-278d	99,458	3,547.0**
Anna Korndyke Hesseltje, 1574220.....	RH	10-13-30	9y-270d	100,569	3,522.5*
DeKol Rose Hesseltje, 1574219..	RH	8-16-30	9y-210d	93,432	3,507.0**
Tidy Hesseltje, 1572770.....	RH	10-18-30	9y- 13d	92,540	3,473.6***
Lady Artis Mead, 629345.....	RH	10-16-32	8y- 50d	93,889	3,270.5**
<i>Alvin L. Funk, Collegeville</i>					
Dot's Bertha, 401222.....	RG	8-23-33	7y-205d	66,661	3,935.7*
<i>Howard L. Baker, Center Square</i>					
Cream Ridge Fanny King Vale, 1309286.....	RH	11-13-28	12y- 63d	112,782	3,850.6**
Cream Ridge Violet Walker, 1673224.....	RH	5-31-31	9y-185d	111,501	3,716.4*
Cream Ridge Daisy Walker Clothilde, 1489930.....	RH	4-26-29	10y- 65d	97,486	3,287.2**
Cream Ridge Betsy DeKol, 1479286.....	RH	6-4-30	9y-167d	81,019	3,051.7**
<i>Mrs. Howard Bieler, East Greenville</i>					
Sylvia Aaggie Pontiac Segis, 1507661.....	RH	8-25-30	9y- 16d	98,176	3,515.2**
<i>Harvey Murphy, Norristown, R.D.</i>					
Mazie.....	GH	12-31-32	8y-138d	86,073	3,465.5*
<i>J. L. Wood & Sons, Pennsburg</i>					
Woodson Bell Farm DeKol Donsegis, 1689227.....	RH	5-29-33	7y-213d	85,707	3,236.7*
<i>L. Lindquist & Sons, Willow Grove</i>					
A-51.....	GG		7y	67,924	3,025.0*

MONTGOMERY COUNTY—(Montgomery No. 2 Association)

David H. Magill, Tester, West Point, Pa.

<i>Normandy Farms, Gwynedd Valley, Pa.</i>					
Lady of Gwynedd Valley, 120416..	RA	8-15-29	11y-305d	115,844	4,683.2*
Whitpain American Rose, 130639..	RA	1-18-31	10y- 34d	118,484	4,334.1*

NORTHAMPTON COUNTY—(Northampton No. 1 Association)

Claude R. Shultz, Tester, Bangor, Pa., R.D. #2

<i>John Shoemaker, Mt. Bethel, R. 1</i>					
Jim.....	GrH:J	?	11y-153d	102,036	4,306.9**

NORTHAMPTON COUNTY—(Northampton No. 2 Association)

Walter F. Teel, Tester, Ackermanville

<i>Harry F. Roth, Nazareth, R. 2</i>					
Sylvia May, 1561253.....	RH	8-20-30	10y-207d	123,703	3,979.7*

NORTHUMBERLAND COUNTY—(Northumberland-Snyder Association)

Alvin G. Smith, Tester

<i>State Colony, Selinsgrove, Pa.</i>					
43.....	GrH	1927	11y-187d	165,039	5,366.4**
113.....	RH	7-13-33	7y- 12d	111,020	3,989.3*
125.....	RH	3-17-34	6y- 93d	98,729	3,543.5*
75.....	RH	2-16-32	8y-214d	93,645	3,439.6*
122.....	RH	1-20-34	5y-295d	81,280	3,019.8**

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>C. M. Bailey, Beavertown, Pa.</i>					
Diana.....	GrH	1927	9y- 44d	108,068	4,383.2**
<i>W. C. Gauger, Watsonstown, R.D.</i>					
Ruby Ormsby Tweeds, 1652165..	RH	11-31-32	9y- 28d	122,972	3,844.9*
<i>Gaugerholm Tweede Ormsby, Maid, 1652167.....</i>					
	RH	1-17-33	7y-165d	87,279	3,175.9*
<i>I.O.O.F. Orphanage, Sunbury, Pa.</i>					
Peggy Ormsby Echo Mabel, 1927036.....	RH	7-4-33	7y-334d	106,545	3,533.5*
Artis.....	GrH	3-3-32	8y-154d	96,558	3,398.2*
Rose.....	GrH	3-3-31	8y- 29d	76,131	3,235.5**
<i>Ernest E. Ritter, Winfield, Pa.</i>					
Star Beauty Bettina, 366188.....	RG	2-4-32	8y- 91d	69,946	3,442.5*
<i>Polly Goldie of Red Ridge Farm, 360430.....</i>					
	RG	10-11-31	9y-121d	62,880	3,150.7***
<i>George S. Wesner, Watsonstown, R.D. #2</i>					
White Face.....	GrG	1931	8y-243d	79,929	3,414.0*
<i>Fisher Bros., Kreamer, Pa.</i>					
Betty.....	GrH	9-14-32	7y-121d	85,268	3,243.2*
Grace Lady Prebe, 1702972.....	RH	12-6-32	7y-270d	80,461	3,000.0*

PERRY COUNTY—(Perry Association)

Bruce E. Beaver, Newport, Pa.; John Achenbaugh, Duncannon, Pa.; Testers

<i>Milmay Farm, Loysville, Pa.</i>					
Bess Eartag, 23-3013.....	GrH	1-9-29	12y- 21d	161,128	4,946.3*
<i>Homer T. Gabel, Newport, Pa.</i>					
Polly Eartag 23-3203.....	GrH:				
	G	12-29-31	8y	84,468	3,979.7*
<i>George F. Rice, Blain, Pa.</i>					
Petty Pa. B.A.I., M15202.....	GrH	12-6-32	7y	98,668	3,953.4*
<i>Harry R. Bixler, Millerstown</i>					
Hengervied Queen Konigen, 1655059.....	RH	4-10-33	7y-290d	91,040	3,196.6*
Star Eartag, AA-60908.....	GrH	2-30-31	8y-183d	75,702	3,356.4

SCHULYKILL COUNTY—(Schulykill Association)

Henry Lindner, Zions Grove, Pa.; Lewis Dietz, R.D. #1, Schulykill Haven, Pa.; Testers

<i>Mrs. Maud Richards, Pottsville</i>					
Lathrop Oak Tobe, 1396896.....	RH	7-17-27	12y-289d	163,552	5,697.8*
Cleona.....	GrJ	?	9y-123d	71,070	4,182.0***
Hesper.....	GrH	9-29-35	5y- 71d	83,591	3,215.9*
<i>U. E. Rhein, Pine Grove</i>					
Camilla You'll Do, 881594.....	RJ	1-19-29	11y-238d	92,687	5,000.8**
Silk Majesty You'll Do, 919076..	RJ	4-1-30	10y-286d	90,493	4,804.8***
Lady Camilla, 921214.....	RJ	12-8-29	11y-113d	92,714	4,70 .*
<i>King's Cowslip Blossom, 1069778.....</i>					
	RJ	7-22-33	7y- 5d	64,764	3,536.2*
<i>Isaiah Heisler, Pine Grove</i>					
Dairylike Camilla, 957033.....	RJ	11-28-30	10y- 75d	86,883	4,241.6*
<i>A. T. Riegel, Landingville</i>					
Lila Ona DeKol, 1349711.....	H	11-27-28	12y- 94d	122,712	4,007.1*
<i>Roy Hunter, Ashland, R.D. #1</i>					
Number 13.....	GH	1924	11y- 30d	118,404	3,963.7**
<i>Clarence Breiner, Tamaqua, R.D. #3</i>					
Pogis Golden Beauty Grace, 1037797.....	RJ	3-24-34	7y- 19d	74,287	3,884.3*
Duplicate Bessie, 811071.....	RJ	1-12-28	6y-244d	65,984	3,240.9**
Pogis Isabel Roda, 1037798.....	RJ	6-6-34	6y-316d	62,299	3,186.1*
<i>Schulykill Institutional District, Schulykill Haven</i>					
Schulykill Rebecca, 61404W.....	PAyr	8-19-29	11y- 47d	91,267	3,779.6*
Schulykill Lottie, 61408.....	Ayr	3-26-31	9y-296d	83,152	3,297.9*
Dawn.....	PAyr	2-15-33	8y- 58d	71,466	3,162.2*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Daniel Heisler, Tamaqua, R.D.</i>					
Princess Lady Dolly, 1019421.....	RJ	10-21-32	8y- 44d	72,652	3,613.3*
<i>Roy J. Gauker, Cressona</i>					
Kid.....	GrH	?	11y- 63d	88,423	3,486.5*
Bonnie.....	GrH	?	8y-332d	93,015	3,080.8*
<i>Webster Wagner, Tamaqua, R.D.</i>					
Sophie.....	GrH	?	9y	98,068	3,460.4*
Plum.....	GrH	1933	9y	97,950	3,195.7*
<i>I. Earl Paxson, Schuylkill Haven, R.D.</i>					
Phyllis Pabst Abbe Kerk, 1792793.....	RH	3-20-33	7y-336d	107,957	3,276.4*

SOMERSET COUNTY—(Somerset Association)

Robert Hinton, Somerset, Pa.; Robert E. Peck, Meyersdale, Pa.; Russel Harpest, Somerset, Pa.; Testers

<i>Meyers Bros., Meyersdale</i>					
Daisy B. of Upland Farm, 32209.....	RBSw	12-10-28	11y	100,922	4,257.4
Beauty's Pet of Upland Farm, 34139.....	RBSw	3-12-30	10y-350d	88,575	4,124.4
Silver Bell of Upland Farm, 24613.....	RBSw	3-6-27	12y	107,722	4,247.0
Nancy Lee of Upland Farm, 32213.....	RBSw	7-28-29	10y-350d	125,602	5,362.1
Nick's Beauty of Upland Farm, 24611.....	RBSw	10-25-26	12y	133,278	5,528.8
<i>Menno Yoder, Meyersdale</i>					
Bess Peggy, 78082.....	RJ	2-26-28	10y	79,233	4,346.3

SUSQUEHANNA COUNTY—(Gelatt-South Gibson Association)

Wilfred Lehman, Tester, c/o W. J. Horton, Clifford, Penna.

<i>Curtis Allen, Nicholson, Pa.</i>					
Nancy, e.t. J87507.....	GrH	12-3-32	8y- 30d	103,698	4,211.2**
<i>Cordie Allen, Nicholson, Pa.</i>					
Cordial Johanna Ormsby Posch, 1732478.....	RH	9-10-33	6y-163d	87,441	3,069.4*

SUSQUEHANNA COUNTY—(Western Susquehanna No. 1 Association)

H. Mac Hindman, Tester, c/o County Agent, Montrose, Pa.

<i>Floyd Hibbard, Springville, Pa.</i>					
Springville Berks Echo Piebe, 1776139.....	RH	12-26-30	9y-129d	134,318	4,308.3**
Rag Apple Dichter, Pride, 1776137.....	RH	12-17-32	8y-193d	108,238	3,705.1*
DeKol Pride Eeke, 1776133.....	RH	10-3-32	7y- 92d	107,013	3,594.1**
<i>Claude L. Carter & Son, Montrose, Pa.</i>					
Pogis Spotted Queen, 1149000.....	RJ	3-29-30	9y- 61d	59,284	3,562.3*
<i>Norman Carter, Birchardville, Pa.</i>					
Minnie, e.t. D60572.....	GG	?	8y-346d	74,299	3,486.4*
<i>Kenneth Ellsworth, Meshoppen, Pa.</i>					
Countess Johanna Tweeds, 1436621.....	RH	9-10-29	10y-153d	96,022	3,475.5**
<i>S. C. Birchard & Son, Birchardville, Pa.</i>					
Romulus Merry, 1019205.....	RJ	11-12-32	8y- 96d	62,089	3,377.6*
Lucky Double Dairylike, 1019203.....	RJ	3-26-32	9y- 86d	57,451	3,204.9*
Romulus Beth, 1136614.....	RJ	5-1-33	8y- 69d	47,953	3,033.7*
<i>Ross L. Carter, Montrose, Pa.</i>					
Spring Water's Blennie, 376404.....	RG	11-22-32	7y-331d	61,661	3,255.9*
<i>Crystella Dairy Farm, Springville, Pa.</i>					
41.....	GH	?-?-30	9y-232d	98,210	3,108.8**

SUSQUEHANNA COUNTY—(Western Susquehanna No. 2 Association)

Arthur H. Carter, Tester, Montrose, Penna.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Louden Hill Farm, South Montrose, Pa.</i>					
Overton Sensation Beauty, e.t. 23E-0749.....	RH	8-27-31	6y	105,300	3,821.0*
<i>George C. Comstock, Jr., Montrose, Penna.</i>					
Carlton's Minerva, 319268.....	RG	8-20-30	10y- 85d	76,474	3,644.8*
<i>Theron Cooley, Nicholson, Penna.</i>					
Crump, e.t. X3569.....	GH	?	6y-306d	137,392	3,405.5*

TIOGA COUNTY—(Cowanessque Valley Association)

Dean E. Smith, Tester, Knoxville, Box 53, Pa.

<i>L. G. Hunt, Westfield, Pa.</i>					
Bridget.....	GrH	4-?-33	7y-359d	107,644	3,992.0*
Peggie.....	GrH	4-?-34	8y-108d	90,201	3,243.2*
Dora.....	GrH	4-?-34	7y-211d	86,436	3,103.3*

TIOGA COUNTY—(Jackson Association)

John P. Busija, Tester, Millerton, Penna.

<i>E. N. Garrison, Millerton, Pa.</i>					
Superior's Victoria, 809369.....	RJ	9-22-27	9y-348d	107,951	5,916.2*
Baron Jap Madge, 949876.....	RJ	10-21-30	10y- 80d	81,823	4,707.1*
Baron's Jap Till, 980240.....	RJ	9-30-31	9y- 4d	65,502	4,059.8**
<i>E. B. Spencer & Son, Millerton, Pa.</i>					
Spencercrest Ivo DeKol Peep, 1457245.....	RH	12-9-29	10y-326d	119,006	4,128.5*

TIOGA COUNTY—(Liberty Association)

Clyde H. Wilson, Elery Long and Sheldon Roupp, Testors, Liberty, Penna.

<i>Albert; Norman, Liberty</i>					
Meadowbrook Nellie Daisy, 985034.....	RJ	11-22-28	14	107,453	6,042.3*
Meadowbrook Mary, 985033.....	RJ	11-22-28	12y-304d	103,163	5,845.0*
<i>Wilbur Brion, Liberty</i>					
Marie.....	Mix.	1933	7y-149d	87,651	3,938.6*
Betsy.....	Mix.	2-28-34	6y-363d	67,271	3,409.4**

TIOGA COUNTY—(Mansfield Association)

Ellis E. Morgan and Miss Marian Gillette, Testers, Mansfield, Penna.

<i>Roy Whittaker, Covington, Pa.</i>					
East Brook Flossy Wayne Beets, 1247287.....	RH	12-9-27	13y- 29d	162,556	6,200.2*

TIOGA COUNTY—(Wellsboro Association)

George W. Thompson, Tester, Wellsboro, Box 604, Pa.

<i>Paul P. Korb, Wellsboro, Pa.</i>					
Ralotro Crunette, 1008215.....	RJ	9-12-32	7y-266d	96,859	5,147.9*
<i>Roy S. Bowen, Wellsboro, Pa.</i>					
Adequate Eva Ormsby Pontiac Posch, 1386426.....	RH	1-18-29	11y-156d	160,392	5,094.7*
Adequate Jane Pontiac Posch, 1657111.....	RH	11-2-31	9y	140,728	4,582.8*
Adequate Ethel Pontiac Posch, 1657114.....	RH	12-21-31	9y	129,394	4,159.9*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Adequate Topsy Pontiac Posch, 1657116.....	RH	3-10-33	8y- 92d	98,625	3,437.1**
Adequate Betty Pontiac Posch, 1657113.....	RH	12-20-32	8y-183d	92,839	3,321.2*
John Grantier, Wellsboro, Pa. Bess Rosie, 992030.....	RJ	12-17-31	9y-230d	91,570	4,845.3*

UNION COUNTY—(Union Association)

Earl Boyer, Tester, Mifflinburg, Pa., R.D. #2

<i>Leon Musser, Lewisburg, Pa.</i>					
Ollie Aaggie Floss Reliance, 1644139.....	RH	12-20-28	10y-347d	136,039	4,721.2*
Susie Homestead Ona Alcartra, 1682274.....	RH	8-19-32	8y-126d	105,224	3,631.3*
Polly Korndyke Hartog Alcartra, 1720692.....	RH	7-7-33	7y-146d	78,487	3,047.0*
<i>Robert J. Smith, Millmont, Pa.</i>					
Elmbrook Lakefield Beauty, 1657860.....	RH	2-10-33	8y- 81d	129,523	4,504.8*
Elmbrook Pauline Lakefield, 1657859.....	RH	12-6-32	8y- 77d	106,458	4,240.6*
<i>Laurelton State Village, Laurelton, Pa.</i>					
Queen Creator May, 1663080.....	RH	9-1-33	7y-243d	125,332	4,332.9*
Thelma.....	GH	3-17-32	8y-118d	123,985	4,173.9**
Violet.....	GH	10-15-33	7y-225d	107,628	3,592.0**
Edna.....	GH	1-9-34	7y	106,660	3,575.3*
Netherland Creator Pontiac 2nd, 1663079.....	RH	9-1-33	6y-306d	92,620	3,369.9*
<i>A. C. Slifer, Lewisburg, Pa.</i>					
Piebe Ona Plum Daisy, 1640819	RH	2-19-33	7y-258d	106,307	3,936.0*
Fairy Ona Fayne, 1512467.....	RH	9-21-30	7y	109,138	3,358.7***
<i>John S. Wehr, Mifflinburg, Pa.</i>					
Rosechen Ormsby Homestead, 1524740.....	RH	12-19-30	9y- 59d	110,331	3,803.0*
Hengerveld Pontiac Fayne					
Fayne Piebe, 1614772.....	RH	6-9-31	9y-268d	114,257	3,701.4*
Pietertje Piebe Ollie, 1671320.....	RH	8-8-32	7y-190d	102,673	3,526.7*
Rosechen Pietertje May, 1671321.....	RH	10-2-32	6y-350d	97,805	3,362.8*
<i>Mary S. Brouse, Mifflinburg, Pa.</i>					
Peggy of Meadowbrook Farm, 38440.....	RBS	7-7-30	9y-320d	84,160	3,606.0*
Cheiftain's Ruth of Meadowbrook, 44410.....	RBS	12-6-32	7y-226d	75,060	3,349.2*
<i>J. D. Shreck Est., Lewisburg, Pa.</i>					
Betsy.....	GH	7-18-32	8y-322d	100,458	3,573.4*
<i>J. S. Zeigler, Lewisburg, Pa.</i>					
Zeig's Boon DeKol Rage, 1647820	RH	11-25-32	8y-145d	88,245	3,326.5***
<i>W. Taylor Kostenbader, Lewisburg, Pa.</i>					
Blackie.....	GH	7-2-33	6y- 12d	75,748	3,181.2**
<i>H. A. Walter & Son, Lewisburg, Pa.</i>					
Piebe Homestead Rose Sue, 1705606.....	RH	1-6-34	6y-253d	83,712	3,135.8*
<i>Ralph F. Erdley, Lewisburg, Pa.</i>					
Jean Highland Homestead, 1771482.....	RH	11-25-34	5y-169d	83,400	3,120.9*
<i>H. K. Benner, Vicksburg, Pa.</i>					
Martha Ruby Lakefield, 1900531.....	RH	8-20-35	4y-297d	85,123	3,079.1*

VENANGO COUNTY—(Venango Association)

Lloyd H. Sheldon, Tester, Franklin, Pa., c/o Agricultural Ext. Assn.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Polk State School, Polk, Pa.</i>					
DeKol May Waldorf, 1551261.....	RH	10-24-31	9y-122d	131,694	4,541.1
Lady Vernon May, 1551253.....	RH	8-26-31	9y-188d	131,287	4,747.3
Gudula Pontiac May, 1551255.....	RH	9-7-31	9y-191d	145,706	4,957.0
Dean Vernon May, 1440144.....	RH	5-8-30	10y-318d	151,531	5,048.0
May Peterina Segis, 1554060.....	RH	12-26-30	9y-344d	112,661	4,141.7
<i>Mead Champion Jannek Polk 2nd., 1551254.....</i>					
Jannek Korndyke May 2nd., 1777257.....	RH	8-28-31	6y-249d	130,476	4,368.5
Creator Mead Pontiac 2nd., 1777270.....	RH	12-27-34	6y-160d	90,333	3,168.0
Dean Jannek Creator 3rd., 1663177.....	RH	4-11-35	5y-332d	79,862	3,055.5
Jannek Vashti May Inka, 1663078	RH	9-25-33	7y-294d	113,373	4,218.3
Jenny DeKol Creator, 1611713.....	RH	8-31-33	7y-261d	118,217	3,801.4
Creator May Pontiac, 1730473.....	RH	8-15-32	8y-256d	109,023	3,713.1
<i>D. H. Morrison, Van, Pa., R.D. #1</i>					
Grace of Good Hope, 387967.....	RG	6-22-34	6y-290d	90,203	3,419.4
		1-24-33	7y-296d	59,223	3,337.0

WARREN COUNTY—(Warren Association)

Michael Hummel, Barton Greely, Testers, Warren Co. Ag. Ext. Ass'n., Court House, Warren, Pa.

<i>Warren State Hospital, Warren</i>					
460A.....	GrH	12-9-28	11y-275d	174,451	5,777.9**
<i>Conewango Colantha Lilth Pet, 148628.....</i>					
Conewango Colantha A.K.S. Beauty 1486727.....	RH	5-6-30	9y-167d	136,958	5,239.9
Conewango Sensation Mary, 1553131.....	RH	4-26-30	10y-235d	113,694	4,274.7**
23-C4140.....	GrH	8-4-31	9y- 75d	121,790	4,138.1**
23-C4122.....	GrH	11-24-31	9y-140d	116,155	4,027.4**
Conewango A.K.S. Colantha Pauline 1636600.....	RH	5-14-31	9y-207d	118,317	3,980.0**
23-C4131.....	GrH	11-30-32	8y-260d	107,742	3,803.8**
Conewango Sensation Buttercup, 1636607.....	RH	9-15-31	8y-131d	108,767	3,764.4**
Conewango Sensation Sadie Pauline, 1722584.....	RH	10-8-32	7y-255d	107,121	3,680.0**
23C-4136.....	GrH	7-9-32	8y-188d	117,788	3,863.9**
<i>Mrs. A. J. Leafsky, Spring Creek</i>					
23-C4136.....	GrH	11-15-31	7y-299d	107,647	3,661.6**
<i>Warren State Hospital, Warren</i>					
Conewango Sensation A.K.S. Pet, 1636615.....	RH	6-2-29	10	100,934	3,660.7*
Conewango Sensation Sadie Pauline, 1722584.....	RH	11-30-32	7y-176d	101,046	3,509.5
		7-16-33	7y-172d	99,871	3,236.8

WASHINGTON COUNTY—(Washington-Green Counties Association)

Walter Nagel, Tester, Extension Office, Washington, Pa.

<i>Pennsylvania Training School, Morgantown, Pa.</i>					
P.T.S. Dorothy DeKol Ann.....	Hol.	11-21-32	8y-121d	108,645	3,186.6**
Inka May Jannek Netherland, 1757181.....	Hol.	8-28-34	6y-183d	105,728	3,354.7*
P.T.S. Mountain Flower, 1794186	Hol.	10-19-33	7y-160d	92,337	3,106.8*
Melina Maid Creator, 1611704.....	Hol.	2-3-33	7y-330d	115,547	3,540.6**
<i>Dean Creator Vernon 2nd, 1757182.....</i>					
Prince Clothilde Wayne, 682748.....	Hol.	12-14-34	6y- 95d	85,673	3,160.7*
		7-22-33	7y-292d	115,163	3,485.2**

WAYNE COUNTY—(Wayne Association)

Clifford Eno, Elmer Heberling, Elam D. Kauffman, George Crossman; Testers; Wayne Co. Ag. Ext. Ass'n., Court House, Honesdale, Pa.

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Farview State Hospital</i>					
Lathrop Homestead Oak Star, 1579068.....	RH	12-22-30	10y-175d	177,876	6,592.5*
<i>C. E. Canfield</i>					
Johanna Segis Clothilde Lass, 1648505.....	RH	8-23-27	13y- 30d	153,444	5,309.5*
Colantha Ona Lily, 1648507.....	RH	10-8-31	9y-300d	129,453	4,502.5*
Colantha Maid Ona Pansy, 1713243.....	RH	6-4-31	10y-164d	131,297	4,193.2*
Ona DeKol Inka, 1713239.....	RH	3-22-33	8y- 50d	90,459	3,552.1*
Clothilde Clover Ona Francis.....	RH	3-22-33	7y-355d	93,878	3,544.1**
Violet Ona Wayne Blossom, 1713246.....	RH	10-28-32	8y-273d	188,940	3,464.8*
Mayflower DeKol Ona Blackbird.....	RH	4-13-34	6y-362d	78,477	3,283.6*
<i>Stephen Snedeker</i>					
Dreamer Ransom Jewel, 1019930.....	RJ	9-12-32	8y-278d	101,258	5,152.1*
Sultan's Sybil Blossom, 986462.....	RJ	4-16-31	8y-260d	96,967	4,751.1*
Sultan's Floss 2nd.....	GrJ	4-10-32	8y-256d	76,562	4,744.0*
Torono Sultan's Dawn, 108539.....	RJ	2-2-34	7y-148d	64,464	3,875.2*
Darling Faith, 1085391.....	RJ	4-2-34	7y- 58d	64,151	3,669.6*
<i>Warner J. Robbins</i>					
Chestnut Lake Jewell, 1354511.....	RH	9-1-28	12y- 61d	135,685	4,956.9**
Chestnut Lake Hartog Fayne, 1354514.....	RH	10-9-28	11y-223d	118,931	4,637.6**
<i>Walter Blum</i>					
Airline Fayne Vermont.....	RH	12-10-28	10y-144d	130,525	4,602.6*
Airline Clothilde Pell, 1941961.....	RH	12-27-32	6y-210d	89,379	3,365.2*
Airline Clothilde Abbekirk, 1640295.....	RH	9-2-31	7y- 63d	92,575	3,053.1*
<i>Bethany Homestead Farms</i>					
Daisy of Peach Ridge Farm, 396064.....	RG	12-30-30	8y-262d	89,082	4,503.0*
Bethany Prima Donna 351377.....	RG	11-14-30	8y-337d	68,679	3,448.4**
Elm Grove Butterfat's May, 482013.....	RG	3-7-34	6y- 62d	65,769	3,180.5*
<i>Edward Brooking</i>					
Alice Fayne Netherland, 1316378.....	RH	9-1-27	11	114,235	4,381.1*
C13417.....	GrH	10-3-29	9y- 25d	95,388	3,658.7*
<i>B. F. Kennedy</i>					
Snowball.....	GH	1930	10y-248d	128,207	4,357.3*
Speck.....	PH	?	8y- 21d	90,072	3,244.6*
<i>W. F. Hauenstein</i>					
Duke's Oxford Daisy, 1017237.....	RJ	3-21-32	9y- 11d	76,665	4,195.5*
Marie.....	GrH	?	7y-284d	108,059	3,822.6*
Duke's Buttercup, 1017234.....	RJ	2-16-32	9y-144d	69,517	3,608.6*
Sultan's Bayleaf May, 1133862.....	RJ	2-20-35	6y-185d	56,501	3,171.5*
<i>W. B. O'Neill</i>					
Daisy.....	GrH	1926	12y-235d	103,968	3,952.1**
Brindle, Jr.....	GrH	2-17-31	10y-123d	97,526	3,683.2*
Biddy.....	GrH	4-4-30	8y-315d	87,555	3,000.1**
<i>Elmer K. Doyle</i>					
Daisy Mercedes DeKol Lass, 1258291.....	RH	11-30-27	11y-151d	114,799	3,940.6**
Mercedes DeKol Daisy, 1349007.....	RH	3-25-29	10	100,769	3,205.6*
Daisy Ontario DeKol 2nd, 1029356.....	RH	3-3-25	7y- 31d	94,387	3,027.7**
<i>Edward Erk</i>					
Dreamer's Tessa, 897690.....	RJ	9-21-29	10y-248d	66,997	3,743.4**
Victor Warder Mary Ann, 993984.....	RJ	1-6-32	9y-179d	63,141	3,534.9*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>W. E. Rude</i>					
Eagle Oxford Star, 1186239.....	RJ	9-17-31	9y- 30d	67,748	3,649.8**
<i>R. H. Leet</i>					
Dreamer's You'll Do Fawn, 954141.....	RJ	11-18-30	9y-243d	67,465	3,596.0**
Betsy.....	GrH	1-1-30	8y-359d	105,665	3,449.5**
Jumbo.....	GrH	2-2-31	9y-212d	106,088	3,385.1**
Aaggie Pietje Korndyke Piebe.....	RH	9-9-33	8y-152d	88,830	3,041.0*
<i>F. Emmett Oliver</i>					
Esevelem Margaret Dutchland Ona, 1775667.....	RH	10-12-32	8y-340d	89,501	3,593.8*
Esevelem Joan Dutchland Ona, 1775661.....	RH	8-12-32	8y-352d	76,602	3,133.8**
<i>Chester Rickard</i>					
Chorus Girl Segis Fayne, 1614767.....	RH	5-2-32	8y-361d	102,025	3,478.5*
<i>Coccardilli Bros.</i>					
Burke Valdesse Segis.....	RH	8-22-34	6y-262d	76,116	3,354.0*
Eleanor Pietje Homestead, 1624063.....	RH	9-18-32	7y-104d	104,874	3,340.6*
<i>Emmett Hathaway</i>					
Norma.....	GrH	4-2-34	6y-160d	78,143	3,239.0*
<i>Russell G. Erk</i>					
Eagle Dairylike Option, 1068226.....	RJ	8-26-34	6y-261d	54,180	3,149.9*
<i>Mrs. Laura Rude</i>					
Sultan Ada M., 1163917.....	RJ	10-26-32	8y-150d	56,991	3,033.5*
<i>Lester R. Male</i>					
Mercedes Alcartra Crumhorn, 1906555.....	RH	12-29-30	7y- 4d	77,782	3,031.5*
<i>Robert W. Eno</i>					
Colebrook Laurella Ruth, 108808.....	RA	9-20-27	9y-138d	71,410	3,022.9*

WESTMORELAND COUNTY—(Westmoreland Association)

Lawrence E. Harkleroad, Thelma Kuriger, Irene Dunn; Testers; Post Office Building, Greensburg, Pa.

<i>J. C. Gaut, Scottdale, R.D. 1</i>					
Queen Elizabeth Sweet, 1567048.....	RH	10-23-31	11y-296d	115,555	4,945.3*
Elizabeth Hengerveld Netherland, 1380903.....	RH	1-29-29	14y-200d	116,859	4,383.0*
Aaggie Butter Girl Sweet, 1567049.....	RH	10-27-31	10	112,308	3,726.5*
Piebe Elizabeth Johanna, 1708200.....	RH	11-5-33	7y-165d	83,406	3,186.4*
<i>Westmoreland County Home, Greensburg</i>					
Westcopa Ormsby Bessie Fan, 1668256.....	RH	5-23-33	8y- 60d	108,971	4,445.9*
Westcopa Bessie Segis Ana, 1668250.....	RH	12-17-32	7y-198d	130,350	4,226.0**
<i>F. E. Lyons & Son, Saltsburg</i>					
Ruth, C57970.....	GrJ	10-27-30	9y-299d	71,125	3,897.5*
Peg.....	GrJ	1-11-33	8y-199d	62,555	3,718.4*
<i>St. Vincent Archabbey, Latrobe</i>					
Vincent Lois Pietertje Jewel, 1392304.....	RH	12-29-29	10y-237d	110,443	3,709.1*
490.....	GrH		10y- 27d	105,544	3,490.5*
<i>H. C. Waugaman, Greensburg, R.D. 4</i>					
Pinehard Louise Jewel Kismet, 1510475.....	RH	7-4-31	8y-341d	102,308	3,543.7*
<i>Walter Lash, West Newton, R.D. 1</i>					
Mandy's Pet of Lash Farm, 403564.....	RG	9-30-33	8y- 83d	80,902	3,485.1*
Dimple's Yvonne of Lash Farm, 370383.....	RG	4-17-32	8y-361d	83,474	3,368.8**

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>R. A. Eisaman, Irwin, R.D. 3</i> Maple Valley Ormsby Dad Effie, 1597277.....RH	RH	9-16-32	6y-342d	95,726	3,250.8*
<i>J. H. Seanor, New Alexandria</i> Artis DeKol Segis Whitehorn 1582692.....RH	RH	5-5-32	9y-157d	98,934	3,207.3

WYOMING COUNTY—(Wyoming Association)

Miss Elinor Baker, R.D. 1, Tunkhannock; Charles D. Henry, Mehoopany, Pa.; Testers

<i>Clarence W. Henning</i> Henningstead Best Kuperus DeKol, 1641760.....RH	RH	10-8-32	8	103,563	3,543.0
<i>Edward V. Prevost</i> Loyal Ona Madakerk, 1920323.....RH	RH	9-16-33	7y- 55d	97,443	3,481.6
Daphne Clothilde Madakerk, 1920326.....RH	RH	10-21-33	7y-299d	105,458	3,755.8
Hengerveld Loyal Clothilde, 1721667.....RH	RH	10-7-29	11y-197d	134,875	4,465.1
Deedie Segis Madakerk, 2126377.....RH	RH	10-19-33	8	102,898	3,158.0
Hengerveld Loyal Ona Madakerk, 1920324.....RH	RH	9-25-33	8	98,932	3,315.6
Sylvia Dijkstra Madakerk, 1798024.....RH	RH	10-5-34	7	84,205	3,119.6
Sylvia Madakerk Walker, 1798023.....RH	RH	9-22-34	8	89,936	3,015.7
Princess Colantha Tidy, 1799089.....RH	RH	9-13-34	6	91,465	3,061.0
Mina Clothilde Madakerk, 1920326.....RH	RH	10-21-33	7y-299d	105,458	3,755.8
<i>J. Mark Robinson</i> Princess Aaggie Abbekerk Daisy, 1430625.....RH	RH	12-13-29	8y-340d	102,151	3,475.1
<i>(Vaughn & Luce) Vaughn Bros.</i> Oakmead Inka Pietertje, 1724558.....RH	RH	9-21-33	7y-299d	97,742	3,565.7
Oakmead Hengerveld Walker, 1617935.....RH	RH	9-27-32	8y-243d	99,811	3,523.5
Oakmead Walker Aaggie, 1771703.....RH	RH	9-25-34	6y-261d	96,791	3,378.9
Oakmead Walker Isadora, 1768204.....RH	RH	10-31-34	6y-253d	89,519	3,127.8
<i>A. S. Hallock</i> Arrow Hengerveld Nig, 1799165.....RH	RH	9-21-33	8y- 35d	105,506	4,218.3
Arrow Neta, 1656859.....RH	RH	3-15-33	8y-225d	113,616	4,184.7
<i>H. F. Brunges & Son</i> Holstein, 48321W.....PH	PH	9-19-29	10y- 91d	149,604	4,901.3
Owlrest Sayda Pet, 982170.....RJ	RJ	8-21-31	9y- 5d	61,394	3,760.2
Bendale Lucky Lady, 977492.....RJ	RJ	8-1-30	8y- 92d	56,104	3,434.0
Yum Bess Daytonia, 962190.....RJ	RJ	2-10-30	9y- 92d	66,869	3,427.1
Beauty Mary Dot, 930716.....RJ	RJ	9-10-30	9y- 92d	74,225	3,412.0
Frances Daytonia, 979633.....RJ	RJ	2-15-28	9y-325d	72,790	3,246.8

YORK COUNTY—(Northern York Association)

Chas. Woodward, John Messersmith; Testers; York, Pa.

<i>Lee Poorbaugh, York 3</i> Pearl, D26816.....GG	GG	1930	8y- 90d	83,159	3,876.9***
Goldie, E89404.....GG	GG	1929	9y- 90d	90,261	4,015.1*
Pansy of Cedar Grove, 393220.....RG	RG	1928	9y- 80d	90,633	3,958.0*
<i>W. Frank Dummer, Mt. Wolf</i> Rosie, 23-6097.....GH	GH	1031	9y- 12d	113,416	4,110.4*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
<i>Maurice A. Hutton, Eilers</i> Blacky No. 1, C30330.....GH	GH	1930	9y- 90d	79,976	3,662.4*
<i>E. E. Eichelberger, Lewisberry</i> Johanna Belle Lyons Keystone, 26667.....RH	RH	1931	8y- 90d	81,943	3,086.9*
Lucinda, 9641-W.....GH	GH	1929	8y- 90d	95,280	3,546.6*

YORK COUNTY—(Southern York Association)

Robt. M. Scott, Tester, Delta, Pa.

<i>W. S. Grimm, Red Lion, Pa.</i> Arlene Valentine Colantha, 1337078.....RH	RH	1928	12y-104d	136,303	5,106.0**
Homestead Dekol Lilith, 1432413.....RH	RH	1928	12y- 13d	129,656	4,040.0**
Adeline Ormsby DeKol Piebe, 1532190.....RH	RH	1930	10y- 49d	114,032	4,015.9*
Lady Hartog Piebe DeKol, 1668380.....RH	RH	1932	8y-171d	94,447	3,447.9*
Dolly Alcartra Piebe, 1885659.....RH	RH	1933	6y-135d	93,884	3,265.7*
<i>Dr. J. C. Atkins, Red Lion, Pa.</i> Pearl, X-8680.....GH	GH	1926	10y-306d	83,173	3,076.0**
<i>Dale D. Ilgore, Woodbine, Pa.</i> Dolly F-16018.....GG	GG	1932	8y-245d	72,741	3,806.9*
Daisy, F-16025.....GG	GG	1934	6y-249d	62,130	3,440.3*
<i>H. J. Handley, Delta</i> Susquehanna Hills Rose, 47391..RBS	RBS	1932	8y-100d	74,374	3,197.4*
<i>J. H. Handley, Delta</i> Roy's Omega of Swiss Meadow, 26707.....RBS	RBS	1928	11y-221d	96,465	4,033.1*
Esther Luella, 36371.....RBS	RBS	1930	8y- 72d	95,457	3,573.0*
<i>C. Everitt Richardson, Whiteford, Md.</i> Sally A-66916.....GH	GH	1931	9y-205d	100,336	3,810.1*
Pearl, J-23289.....GG	GG	?	9y-243d	68,717	3,471.2*
<i>J. B. Fishel Bakery Co. Farm, York New Salem</i> Burnside Montie, 154832.....RA	RA	1929	10y-172d	104,404	4,350.0*
Penshurst Carming Martha, 101250.....RA	RA	1926	10y-304d	92,015	3,707.1*
White Rose Anna Lass, 148506..RA	RA	1932	7y-305d	84,339	3,630.1*
Amy's Princess 2nd, 134095.....RA	RA	1931	8y-160d	88,347	3,216.4*
<i>Wm. J. Parlett, Woodbine, Pa.</i> Bess, J-28551.....GG	GG	1933	8y- 13d	88,759	4,502.5*
Flossy, J-28554.....GG	GG	1933	7y-217d	79,318	3,630.9***
Nellie, J-28557.....GG	GG	1932	8y- 11d	69,391	3,503.3*
Daisy, 23-6317.....GG	GG	1934	6y- 28d	74,979	3,211.5*
Jesse, 23-6318.....GG	GG	1934	6y-329d	64,775	3,190.8*
<i>Lauxmont Farm, Wrightsville, Pa.</i> Colantha Rose Mooe, 1550911..RH	RH	1931	9y-182d	169,867	7,084.2**
Matador Walker Riverside Gelsche, 1389958.....RH	RH	1929	11y-327d	134,366	4,866.4*
Petertje Ormsby H. Rose, 1506723.....RH	RH	1930	8y-277d	95,241	3,850.0*
K.P.O. Sunbeam Veeman, 1505381.....RH	RH	1931	9y-238d	106,818	3,796.7*
Lx. Ragapple Snow Countess, 1774307.....RH	RH	1934	6y- 54d	89,321	3,511.2*
Lx. Ragapple Lucinda, 1920953..RH	RH	1935	5y-126d	83,179	3,418.9*
Lx. Ragapple Nettie, 1774308....RH	RH	1935	5y-180d	81,102	3,413.3*
Petertje Ormsby Bonny, 1652031.....RH	RH	1932	6y-150d	86,093	3,346.7*

Cow's Name and Number	Breed	Born	Yrs. on Test	Milk	Butterfat
Lx. Netherland Segis, 595554.....	RH	1932	8	89,759	3,304.8*
Lx. Prilly Fobes, 1701580.....	RH	1933	7y- 31d	80,694	3,300.0**
Colantha Della Mooie Pietertje, 1680834.....	RH	1933	6y-151d	87,296	3,218.9*
Lauxmont Queen Marie, 1725848.....	RH	1933	7y- 46d	85,809	3,150.0*
Lauxmont Daisy Limerock, 1672558.....	RH	1933	7y-289d	87,824	3,148.7*
Bonheur Ormsby Ragapple, 1628994.....	RH	1929	6y- 57d	77,219	3,127.3**
Inka May Ormsby Canary, 1683510.....	RH	1933	7y-115d	86,796	3,100.3*
Lauxmont Maida, 1636201.....	RH	1932	7y-144d	93,937	3,097.8*
Lauxmont Ragapple Beauty.....	RH	1934	6y-232d	81,431	3,052.6*
Zenia Sweetness, 963168.....	RJ	1931	7y-276d	53,328	3,030.8*



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Cumberland County	Galt, W. I.	Carlisle, Pa.
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Henry D. Kinsey	Quakertown
Kirkland Farm	Springtown
Thodore H. Kleinhoff	Doylestown, R. 1
L. O. Kunkel	Newtown, R. D.
Clarence S. Lear	Gardenville
W. H. Lewis	Perkasie
Frank L. Magill	Doylestown
Frank L. Magill	Doylestown
Mrs. Minnie Moyer	Quakertown
B. Frank Mullins	Pineville
B. Frank Mullins	Pineville
A. S. Mumbauer	Quakertown
C. Myers, and Son (Father)	Perkasie, R. 2
C. Myers, and Son (Son)	Perkasie, R. 2
John C. Myers	Doylestown
Neshaminy Farms	Newtown
Andrew Palmer	Quakertown
Z. Papciak	Quakertown, R. D.
Partridge Hall Farm	Lahaska
W. Pflueger	Perkasie, R. D.
Phila, State Hospital	Torresdale, Phila.
M. Rapuano	Newtown
M. Rapuano	Newtown
Edward Riley	Lumberville
Aaron Rosenberger	Spinnerstown
Henry Rosenberger	Chalfont
J. Edward Samsel	Wycombe
Edward Satterthwaite	Newtown
Milton Satterthwaite	Woodside
School of Horticulture	Ambler

Adele G. Senior	Tinicum
Dr. A. N. Smith	Quakertown
J. Iden Smith	New Hope
Philip W. Smith	New Hope
Philipp W. Smith	New Hope
Russell E. Smith	Wycombe
Spring Run Farm	Dresher
Eugene Stapler & Son	Yardley
John L. Stover	Ivyland
Jos. H. Stover	Buckingham
J. H. Taylor	Chalfont
Homer Tomlinson	Newtown
Wilmer Twining	Wycombe
Wilmer Twining	Wycombe
W. H. Tyson	Perkasie
Mrs. Bertha Ulrich	Perkasie R. D.
Mrs. Bertha Ulrick	Perkasie, R. D.
M. Hubert Walton	New Hope
H. Weller	Spinnerstown
Homer Wentz	Quakertown
Chas. L. Wilkinson	Rushland
Williams & Harley	New Hope
Harry C. Wilson	Richboro
William Wilson	Doylestown
Witchwood Farm	Springhouse
James Work	Rushland
Alonzo Worthington	Doylestown, R. D.
Alvin Worthington	Newtown
D. W. Whitehead	New Hope
Earl Whitman	Wrightstown
Willard W. Wright	Yardley
John F. Yocum	Newtown

BUTLER COUNTY

H. K. Anders	Bulter
John R. Brenneman	Com. Bldg. Butler

CAMBRIA COUNTY

Webster Griffith, Est.	Ebensburg
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CARBON COUNTY

Josiah Behrnes	East Mauch Chunk
Harry Fegley, Carbon Co. Home	Weatherly
Geo. Groff	Weatherly
Wm. Steigerwalt	Lehigh, R. 2
L. A. Zimmerman	Lehigh, R. 2
Harry E. Comfer	Howard
C. R. Gearhart	213 Dairy Bldg. State College
G. H. Hedlund	State College
P. P. Henshall	Centre Hall
Kenneth Hood	Agric. Ext. State College
Fred L. Lininger	State College
Joe Nageotte	State College
R. H. Olmstead	State College
J. E. Parkin	State College
C. W. Pierce	State College
I. O. Siedelman	State College
R. I. Watts, HONORARY MEMBER	State College
R. R. Welch	Millheim
Ellis D. Rearick	Oak Hall Sta.
Ira Whiteman	Rebersburg, Pa.
W. E. Hackman	

CHESTER COUNTY

G. Calvin Brown	Oxford, R. 1
Lewis J. Brown	Nottingham
Caleb Chamber	West Grove
Thos. Clement	Lincoln University
Connor & Killinger	Avondale
Gates C Gilmore, Mgr. Westtown School Farm	Westtown
Douglas Gilpin	Kennett Square
Ira Hartz	Elverson, R. 2
Hayes & Shoemaker	Oxford
Everett Holt	Lincoln University
Russell B. Jones	Westtown
Frank A. Keen	West Chester, R. 6
Mart Mackey	Kennett Square
Ellsworth Noble, Bonnie Blink Farm	Pottstown, R. 1
H. M. Pates	Kennett Square
Hugo Poppy, Mgr. Wealwood Farm	Landenberg
Hugo Poppy, Mgr. Wealwood Farm	Landenberg
Wm. A. Reed	Lincoln University
Paul A. Rie	Honey Brook, R. 2
H. B. Shenk	Elverson
O. W. Shortlidge	Lincoln University
Thos. Sloan	Oxford
Furman	Kimberton
Mrs. Paul Street	Chatham
Maurice C. Stump	Oxford
J. Daniel Walter	West Grove
Howard W. Wickersham	Kelton
Chas. T. Woolston	New Garden

CLARION COUNTY

J. R. Allis	Newmansville
E. E. Carrier	Mayport, R. 1
Geo. Cole	Limestone
R. L. Fleming	New Bethlehem
Gruber Bros.	Hawthorn
J. Wm. Gruber & Son	Shippensburg
Geo. Hoover	New Beth. R. D.
Glenn R. Kester	Foxburg
J. P. C. King	Summersville
H. L. Lucas	Mayport
C. A. McCauley	New Bethlehem
H. K. Miller	Clarion
M. R. Minnich	New Bethlehem, R. D.
Clarence H. Pence	New Bethlehem, R. D. 1
Frank Pence	New Bethlehem, R. D.
R. H. Shook	Sligo, R. D.
R. H. Shook	Sligo, R. D.
S. A. Showers	Clarion
F. L. Stahlman	New Bethlehem, R. D.
C. A. & D. C. Wagner	New Bethlehem
Walter Willison	Rimersburg, R. D.

CLINTON COUNTY

Harold Long	Salona
J. B. McCool	Lock Haven
Thos. Fox	Mill Hall
J. G. Confer	McElhatton, Pa.

CRAWFORD COUNTY

Willis Burke	Meadville
Basil Hummer	Titusville
Howard C. Drissell	Saegerstown
Ronald Messinger	Spartansburg

John Free	Conneaut Lake, R. 2
Geo. E. Simpson	Titusville
Geo. W. Hazen	Titusville
Mac Lorenz, c/o Agric. Ext. Ofc.	Meadville
Joe Mandel	Conneaut Lake
Carl Miller	Linesville
Joe D. Miller	Meadville, R. 4
Russell Peterson	Titusville
J. T. Shay	Meadville, Box 267
Luther K. Shoemaker	P. O. Bldg. Meadville
Lee Sperry & Son	Atlantic, R. 1
Lloyd J. Steere	614 State St. Meadville
C. C. Withrow	Meadville, R. 4

CLEARFIELD CO.

Orvis D. Delcamp	Clearfield, Box 628
Leonard Heidt	Curwensville
Geo. W. Straw	Kerrmoor, Pa.
C. V. Fink	Woodland
C. W. Peters	Woodland
Harry L. Gearhart	Bigler

COLUMBIA COUNTY

Robert Kline	Benton
Floyd Fritz	Orangeville, R. 2
Ralph Smith	Benton, R. 1
C. H. Henrie	Millville
Thos. S. Gordner	Millville
Philip Harris	Bloomsburg, R. 5
Nevin Yost	Orangeville, R. 2
Eli McHenry	Benton, R. D.
Ernest Roberts	Orangeville, R. 2
H. H. Hayman	Stillwater, R. 1
Alvin Sutliff	Benton

CUMBERLAND COUNTY

R. Bruce Dunlap	3125 Chestnut St. Camp Hill
Byron B. Konhaus	Mechanicsburg
Guy L. Loy	Newville
J. M. Main & Son	Shippensburg, R. 2
H. K. McCullough	Newville
J. I. Strong	Mechanicsburg

DAUPHIN COUNTY

Hershey Industrial School	Hershey
Paul Grimm	Hershey
Odd Fellows Home	Middletown
C. E. Cassel & Son	Hershey
H. M. Cobb, Pa. Milk Cont. Com.	Harrisburg
Max A. Laufer	Middletown
C. H. Erdman	Elizabethville
Lehman Zeager	Middletown
Wm. H. Juzi, Penna. Guernsey Breeders	Harrisburg
Ed. E. Koppenhaver	Elizabethville
R. F. Patton	Harrisburg Pouch A
Alva L. Saufley	Hershey
H. H. Hultzaploe	Harrisburg, R. 2
G. C. Saufley	Hummelstown
Chas. C. Chubb	Halifax, R. 2
Geo. A. Speece	Dauphin
Jacob E. Boyer	Elizabethville
Sam'l B. Williams	Middletown
Pennsylvania Ass'n of Milk Dealers	324 Telegraph Bldg. Harrisburg

J. Byron Oellig	Grantville
Casper Kohler	Harrisburg
H. A. Stine	Linglestown
Geo. Coover	Linglestown

DELAWARE COUNTY

Earl E. Warner	201 Claremont Rd. Springfield
H. Webster Allyn	Swarthmore
H. E. Jamison	507 Spruce Ave. Upper Darby

ELK COUNTY

Elmer Anderson	Ridgway
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ERIE COUNTY

John A. Barney	Erie
Ralph Swart	Corry

FAYETTE COUNTY

J. Lewis Williams	Uniontown, Ct. House
Wm. S. Stoneman	Belle Vernon

FRANKLIN COUNTY

Wilbur F. Barkdoll	Mont Alto
E. C. Dunning	622 Montg. Ave. Chambersburg
C. Sharpe Karper	Shippensburg
Chas. F. Miller	Greencastle, R. 3
Ben H. Welty	Waynesboro, R. 4

HUNTINGDON COUNTY

C. E. Beck	Warriors Mark
Ray F. Brown	Mill Creek
R. S. Clark	Huntingdon
G. H. Coffman	Alexandria
H. E. Grazier	Warriors Mark
R. L. Harpster	Spruce Creek
H. S. Hicks & Son	Tyrone, R. 4
Hugh L. Wilson	Warriors Mark
Richard D. Martin	Broad Top

GREENE CO.

Wayne Keener	Carmichaels
Paul R. Cosgray	Waynesburg, R. 6
Oliver Blair	Waynesburg, R. 2
Ben W. Jacobs	Waynesburg, R. 6
Harley Swart	Waynesburg, Box 107
Green Co. Home	Waynesburg
Greene Co. Childrens Home	Waynesburg
Chas. F. Adams	Waynesburg

INDIANA COUNTY

C. S. Gerhard	Blairsville
C. S. Hurman	Smicksburg
Indian County Home	Indiana
F. E. Lyons	Saltsburg, R. 2
Marshall Bros.	Beyer
M. C. Stewart	Homer City, R. 2
John W. Warner	Indiana
J. M. & L. L. Steffy	Smicksburgs
J. Angus Wilson	North Point
F. L. & G. M. Mohney	North Point
John C. Mohney	North Point

F. M. Barkely	Blairsville
J. Paul Kimmel	Shelocota
J. Mark Hood	Huff
John G. Henderson	Edria, R. 1
J. S. Cornell	Blairsville, R. 1
W. Paul Walker	Marion Center, R. 1
Clair Beatty	Indiana, R. 1
J. B. Flenniken	Blairsville
C. S. Gerhard	Blairsville
H. H. Barnhart	Marion Center
Carl Walker	Marion Center
Walter C. Simpson	Marion Center
C. C. Pollock	Marion Center
G. C. Swan	Chambersville
Dale McGara	NuMine
M. A. Smeltzer	Ct. House, Indiana
Carl Johnston	Saltsburg, R. 1
James Ewing	Livermore, R. 1
W. F. Barkley	Homer City
Wendell Wetzell	Blairsville
J. P. Martin	Blairsville
Robert C. L. Shumaker	West Lebanon
Glenn H. Coleman	Shelocota
Paul S. McFarland	Marion Center
Howard P. McMillen	Clymer
R. L. Boucher	Indiana
Horace Ellenburger	Indiana
Nichol Turkey Farm	Indiana
Harold Fletcher	New Florence
James Lynch	Armagh
Wm. G. Campbell	Indiana
Dr. J. J. Connolly, V, Md.	Shelocota
H. O. Kimmel	Shelocota
W. H. Wood	Smicksburg
H. M. Travis	Smicksburg
P. J. Marshall	Smicksburg
Spurge Harmon	Rochester Mills
Cliff Hughes	

LACKAWANNA COUNTY

Donald Hindman	Waverly
T. H. Patton	Agric. Ext. Ass'n., Scranton
L. D. Richards	Dalton, R. 1
E. D. Russ	521 School St. Clark Summit
Crawford A. Sachse	Moscow

LANCASTER COUNTY

Israel W. Brendle	East Earl
J. H. Brinton	Gap
Chas. E. Cowan	32 Parkside Ave. Lancaster
Ira M. Eby	Gordonville, R. 1
John E. Forry	Lancaster, R. 5
J. Mowery Frey	Lancaster, R. 4
D. Lester Gallagher	Peach Bottom
Earl L. Groff	Strasburg
J. T. Hastings	Kirkwood
Walter E. Herr	Millersville, R. 1
Jacob S. Horst	Lititz, R. 3
Jacob R. Houser	Lampeter
Elmer R. Kreider	Lancaster, R. 5
H. K. Martin	Goodville
Ivan G. Martin	Ephrata, R. 1
Luke W. Martin	Goodville
Luke W. Martin	Goodville

John C. Metzler	Christiana
Abner H. Risser	Bainbridge
Geo. A. Rutt	New Holland, R. 1
Walter L. Shank	Lancaster, R. 6
John H. Shirk	Lititz, R. 3
H. H. Snively	Willow Street
John A. Styer	East Earl, R. 1
White Oak Farms	Terre Hill
Frank N. Hertzler	Elizabethtown
Paul Niesley	Elizabethtown

LAWRENCE COUNTY

J. A. Boak & Son	New Castle
Ray S. Marshall	Ellwood City, R. 1

LEBANON COUNTY

A. C. Berger	Lebanon
Howard B. Bomberger	Lebanon
Clair H. Gerberich	Jonestown, R. 1
Jacob N. Smith	Annaville, R. 1
Enos B. Heisey	Sheridan
Harry Forney	Balmyra

LEHIGH COUNTY

Allentown State Hospital	Allentown
J. P. Bender	Coopersburg
Harvey S. Billheimer	810 Sherman St. Allentown
G. A. Boger	1026 N. 7th St. Allentown
Frank J. Fritzing	Breinigsville
Chas. D. Gardener	Macungie
Timothy H. Gehman	Macungie
A. L. Hacker, Co. Agent	445 Hamilton St., Allentown
M. A. Herber	Breinigsville
Wilmer M. Hill	Slatington, Pa. R. 1
Chas. W. Hoffman	Neffs
Chas. W. Hoffman	Hamburg, R. 2
Wm. E. Huber	Macungie
Robt. E. Johnson	Kutztown
Geo. V. Kutz	Kutztown, Pa. R. 1
Jacob G. Leiby	Hamburg R. 2
C. A. Lichtenwalner	Macungie
Preston Lichtenwalner	Emmaus R.
H. H. Lutz	Kempton R. 2
Fred Lynn	Allentown R. 4
Harvey E. Merkel	Kutztown R. 3
Irving K. Miller	Kutztown, R. 1
C. Stainton Patterson	Coopersburg
Hadyn M. Peters	Slatington, R. 1
Victor Plastow c/o A. L. Hacker, Agr. Ext. Office	Allentown
Robert Seidel	Fleetwood R. 2
Elwood Snyder	Breinigsville
Wm. M. Stein	Alburtis
Carl L. Trexler	Kempton
Wentz Farms	Breinigsville
Weyhill Farms	Bethlehem
Geo. W. Zettlemoyer	Mertztown
Harold Ziegler	Breinigsville
M. E. C. Home Farm	Center Valley
Mechling Farms	Zionsville
E. D. King	Coopersburg
Hess Lehigh Farms	33 N. 9th St. Allentown
Trexler Farms	Emmaus

LUZERNE COUTNY

Pecoro's Farm Dairy	West Hazleton
Frank Cardoni	Plains
Arthur Gay	Dallas
J. D. Hutchison, Co. Agt.	5 Water St. Wilkes Barre

LYCOMING COUNTY

J. D. Lunear	Lairdsville
Lycoming County Institution District	Montoursville R. D. 2
J. Lester McConnell	Hughesville
J. S. Nicholson	Muncy R. 4
Robert H. Rumler	Williamsport
D. K. Sloan	Muncy R. 2
H. A. Snyder	Montoursville
Chas. Tole	Muncy R. 4
Chas. Shipman	Muncy R. 4

McKEAN COUNTY

L. A. Buchanan	Smithport
John W. Carlson	Port Allegheny
E. H. Lopus	Smithport
E. Lopen	Smithport
Ideal Farm	Kane
Kings Farm	Ludlow
H. A. Thoren	Port Allegheny
W. A. Ross	Smithport

MERCER COUNTY

Clifford Bowman	Carlton
Leroy Campbell	Grove City R. 5
James Dixon	Sharpsville
R. Wayne Fish & Son	Carlton
L. L. McQuiston	Sandy Bake R. D. 3
F. W. Pizer & Son	Jackson Center
C. H. Waha, County Agent	Mercer
W. D. White	Grove City R. 1
Wilhelm Bros.	Sharon R. 2
W. S. Wise	Meadville R. 3

MONTGOMERY

Chas. E. Fetterman	Barto
H. D. Allebach	300 W. 3rd Ave., Trappe
Griffith Aspludh	Bryn Athyn
E. P. Bechtel	Collegeville
William S. Gottshall	Royersford
Gwynllan Farm	Gwynedd Valley
Gilbert T. Hess	Ag. Ext. Ass'n. Office, Norristown
Wm. K. Hunsberger	State Hospital, Norristown
Wm. H. Landis	East Greenville
Lawrence Lindquist	Willow Grove
Harvey Murphy	Norristown
Abram Z. Rittenhouse	Lansdale
R. G. Waltz, County Agent	Post Office Bldg., Norristown
Dudley W. Winter	16 Tyson Ave., Glenside
James L. Wood & Son	Pennsburg
M. K. Zimmerman	Norristown R. 3
C. V. Hollis	Lansdale, Pa., R. 1

NORTHAMPTON COUNTY

Fred D. Achenbach	Pen Argyle R. 1
Earl E. Ackerman	Pen Argyle R. 1
R. A. Auerbach	Easton R. 1

Arch Beck	Pen Argyle
Harry T. Broker	Northampton R. 1
Georg W. Buss	Easton R. 3
Geo. Butz	Bangor R. 2
B. L. Coleman	Court House, Easton
John N. Cornell	Easton R. 1
Geo. Dewalt	Easton R. 2
Elis E. Frable	Bethlehem R. 1
Geo. Godshalk	Bangor
Walter Greenamoyer	Bethlehem R. 2
Victor Handwerk	Walnutport
F. D. Heckman	224 W. Center St., Nazareth
John L. Heffelfinger	Northampton R. 1
B. L. Hindenach	Easton R. 4
V. A. Houston	Northampton
Alvin Hunt	Bethlehem R. 1
James R. Kilgore	Northampton R. 1
J. L. Krall	Northampton R. 1
Clayton S. Lambert	Easton R. 1
Benj. Marcus	Wind Gap
John Melchor	Easton R. 4
Harry Michael	Easton R. 3
Roy J. Moser	Bethlehem R. 1
Northampton Co. Home	Nazareth
Robert Riegel	Bethlehem R. 1
Sterling Ritler	Easton R. 3
Harry F. Roth	Nazareth
W. W. Shoemaker	Walnutport
Floyd R. Shook	Pen Argyle
Chas. S. Smith	Bethlehem R. 2
Geza Szilagyi—Haxelbrook Farm	Bath

NORTHUMBERLAND

Irvin E. Brosius	Sunbury R. 3
Leon Epler	Northumberland
John L. Frederick	Milton R. 1
W. C. Gauger	Watsonstown R. 2
Frank L. Martz	Crowl
J. A. Phillips	Sunbury R. D.
E. D. Schmure	Milton R. 2
G. W. Slocum	Milton
Alvin G. Smith	Turbotville R. 1
Geo. S. Wesner	Watsonstown, R. 2

PERRY COUNTY

Gilbert D. Brauser	Millerstown
Homer T. Gabel	Newport
Stanley T. Gabel	Newport
John K. Hall	Millerstown
Dwight McMillen	Loysville
Ward R. Milligan	Loysville
L. F. Rothrock	New Bloomfield
Ralph L. Smith	Millerstown
T. W. Tressler	Wila

PHILADELPHIA COUNTY

G. A. Dick	39th St. & Woodland Ave., Phila.
Samuel H. Tandler	Chestnut Hill
O. H. Hoffman	401 N. Broad St., Philadelphia
J. A. Gamble	13th & Filbert St., Phila. Pa.

SCHUYLKILL COUNTY

Clarence Briener	Tamaqua
Arthur S. Heisler	Tamaqua R. 1
Daniel Heisler	Tamaqua
Paul H. Lengel	Pine Grove
Henry Lindner	Zions Grove
H. J. Poorbaugh	Court House, Pottsville
Guy S. Reed	Summit Station
U. E. Rhein	Pine Grove
A. T. Riegel	Schuylkill Haven
Wm. H. Schwartz	Hill Farm, Schuylkill Haven
Fred Chamblin	Pine Grove
Webster Wagner	Tamaqua, R. D.
Dan'l Heisler	Tamaqua, R. D.
Isaiah Heisler	Tamaqua, R. D.
Roy Gauker	Cressona
I. Earl Paxson	Schuylkill Haven, R. D.
Edward Honicker, St. Clair Dairy	St. Clair
Milton Stump	Pine Grove, R. D.
Robt. Ludwig	Hegins, R. D.
Edwin Schadle	Valley View
Roy Hunter	Ashland, R. D.
Jonathan Herring	Pine Grove, R. D.
Maud Richards	Pottsville
Arthur Heisler	Tamaqua, R. D.

SNYDER COUNTY

Ernest E. Ritter	Winfield
A. J. Hollanbach	Middleburg
H. E. Kuster	Selingsgrove
Ira L. Yoder	Middleburg

SOMERSET COUNTY

C. C. McDowell, County Agent	Somerset
Meyers Bros.	Meyersdale

SUSQUEHANNA COUNTY

N. C. Dale, County Agent	Montrose
Russel S. Dayton	Dimock
Louden Hill Farm	South Montrose
Allen D. Miller	Susquehanna
John D. Miller	Thompson
Christ. Schillinger	Springville
Mac Hindman	Montrose, Pa., R. 3

TIOGA COUNTY

M. S. Brodrick	Mansfield
E. W. Garrison	Millerton
Carl Hasker	Wellsboro
Victor H. Hurd	Millerton
P. P. Korb	Wellsboro
H. L. Seeley	Knoxville
Ford C. Smith	Millerton
Frank G. Snyder	Liberty
Ralph S. Clark	Knoxville

UNION COUNTY

L. R. Bennett, County Agent	Lewisburg
B. M. Fairchild	Lewisburg
Harrold E. Rieder	Lewisburg, Box 274

VENANGO COUNTY

NANGO COUNTY

D. H. Morrison	Van
W. E. Stewart	Titusville, R 4
Chas. L. Suhr	Oil City, Box 604
W. C. Zeiders	Franklin, Box 342

WARREN COUNTY

WARREN COUNTY		
Michael Hummel	Pittsfield
O. C. Truitt	Warren

WASHINGTON COUNTY

M. Reed Welsh	Burgettstown
Lee R. Scott & Son	Burgettstown
Pastor Bros.	Rea, R. 1
Manchester Sisters	Annaville, R. 2
Vance Smith	McDonald, R. 4
J. R. Buchanan	Hickory
Jas. Wilson	Rea, R. 1
A. H. Scott	Rea, R. 1
Robt. Hamilton	Washington, R. D.
Arthur Reed	Avella, R. D.
Jas. T. Hamilton	Washington, R. D.
A. W. Morrison	Eighty-Four
Oscar Devore	Eighty-Four
J. Max Hootman	Eighty-Four
Hugh Berry	Eighty-Four
Andrew Azzo, Jr.	Eighty-Four
R. S. Zedliker	Eighty-Four
Chas. Hayden	Monongahela, Box 154
J. A. Dinsmore	Washington, R. 3
S. Paul Ritchey	Rea, R. D.
J. Thompson White	Hickory, R. 1
Edwin Miller	McDonald, R. 4
J. Clarence Paxton	Washington, R. 1
Penna Training School	Morganza
John Long	Monongahela, R. 1
J. Linn Cooper	Charleroi, R. 1
P. F. Morris	Charleroi, R. 1
C. D. Squires	Bentleyville
Roy Robinson & Son	Coal Centre, R. 1
S. B. Day & Sons	Washington, R. 4
Paul W. Lewis	Washington, R. 4
Wm. Scott	Washington, R. 4
Henry Fehl	Canonsburg, R. 1
Mrs. Esther Thompson	Canonsburg, R. 1
Dell Weaver	Canonsburg, R. 1
Wm. Hutchison	Cecil R. 2

WAYNE COUNTY

Coccodrilli Bros.	Lake Ariel
James E. McKeehan	Honesdale
H. A. Robinson	Seelyville
Clifford G. Eno	Honesdale
Chester Richard	Honesdale, R. 2
Lester R. Male	Honesdale
Geo. Roser	Aldenville
Hilton Button	Waymart
L. C. Beam	Waymart
W. J. Hauenstein & Son	Waymart
Stephen Snedeker	Waymart
Russell G. Erk	Prompton

WESTMORELAND COUNTY

Walter Lash.....	West Newton
D. N. Cairns & Son.....	Ligonier
J. C. Gant.....	Scottdale
John B. Harmon.....	Ligonier
Frank Henderson.....	Bolivar
Joseph Kim.....	Larimer
Scott McIlvaine.....	Greensburg, R. 3
J. H. Seanor.....	New Alexandria
J. S. Thurston.....	Greensburg (Agr. Ext. Office)
Wayne M. Walker.....	616 Arthur Ave., Scottdale
David H. Wells.....	Belle Vernon R. D. 2
Westmoreland County Home—E. A. Semanek.....	Greensburg, R. 5
Westmoreland County Home—E. A. Semanek.....	Greensburg

WYOMING COUNTY

Curtis L. Allen.....	Nicholson R. 1
Donald J. Arthur.....	Laceyville
M. V. Burnett.....	Laceyville
Burton Dana.....	Tunkhamock R. 5
A. S. Hallock.....	Laceyville
T. L. Luce.....	Mehoopany
Edward V. Prevost.....	Tunkhannock R. D. ,1
Donald L. Williams.....	Tunkhannock
Chas. D. Henry.....	Mehoopany
Paul H. Lyne.....	Meshoppen

YORK COUNTY

G. A. Burdick.....	Wrightsville
C. S. Cross.....	Manchester
Lauzmont.....	Wrightsville
Lee M. Poorbaugh.....	York, R. 3

OUT-OF-STATE

John F. Benham.....	Richmond, Indiana
Holstein Frusian World.....	Leona, New York
H. S. Dodge.....	Salem, Ohio
K. A. Clark.....	Frederick, Box 110, Maryland
Clayton Reynolds.....	Denton, Maryland
D. S. Keller.....	Eastern States Farmers Exchange Springfield, Box 1482, Mass.
W. W. Williams.....	Springfield, Mass.
Ayrshire Breeders' Association.....	Brandon, Vermont
F. P. Willits, Jr.....	722 Boulevard, Westfield, N. J.



Pennsylvania Dairymen's Association Financial Statement for 1943

RECEIPTS

Balance in Fulton Nat'l. Bank, Lancaster 1943.....	\$ 212.13
Received for 1943 Banquet (166 @ \$2.00).....	332.00
“ “ 1943 Year Book Ads.....	207.30
“ from sale of 1943 Year Book (11 @ \$1.00).....	11.00
“ for 1942 memberships (2 @ \$1.00).....	2.00
“ “ 1943 “ (543 @ \$1.00).....	543.00
“ “ 1944 “ (151 @ \$1.00).....	151.00
“ “ 1943 duplicate membership (15 @ \$1.00).....	15.00
Total.....	\$1473.43

EXPENDITURES

Official check # 126 to 152 inclusive.....	531.92
Annual meeting and banquet expenses.....	538.64
Printing of 1943 Year book (900 copies).....	149.73
Ribbons and seals for D.H.I.A.	92.58
Stationary and postage.....	13.88
Clerical expense.....	11.93
Telephone and Telegraph.....	5.88
Bank service charge.....	5.88
Total.....	\$1344.56

Balance in Fulton Nat'l Bank, Lancaster 1/4/44.....	128.87
Note favor Chas. E. Cowan, Lancaster 6/9/42.....	275.00
Statement of the Auditors:	

We have examined the financial records of the Penna. Dairymen's Association for the fiscal year 1943 and find same in order and correct.

LUKE W. MARTIN
Goodville, Pa.
EARL L. GROFF
Strasburg, Pa.

**End of
Volume**